

THE  
GEORGE  
WASHINGTON  
UNIVERSITY  
  
CATALOGUE

CONTENTS

Summer Sessions Bulletin 1951

Composite Catalogue 1951-52

School of Medicine Bulletin 1951-52

Law School Bulletin 1951-52

School of Education Bulletin 1951-52

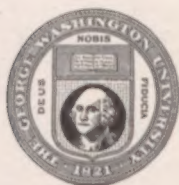
Degree of Doctor of Business Adminis-  
tration Bulletin

Physiology of the University

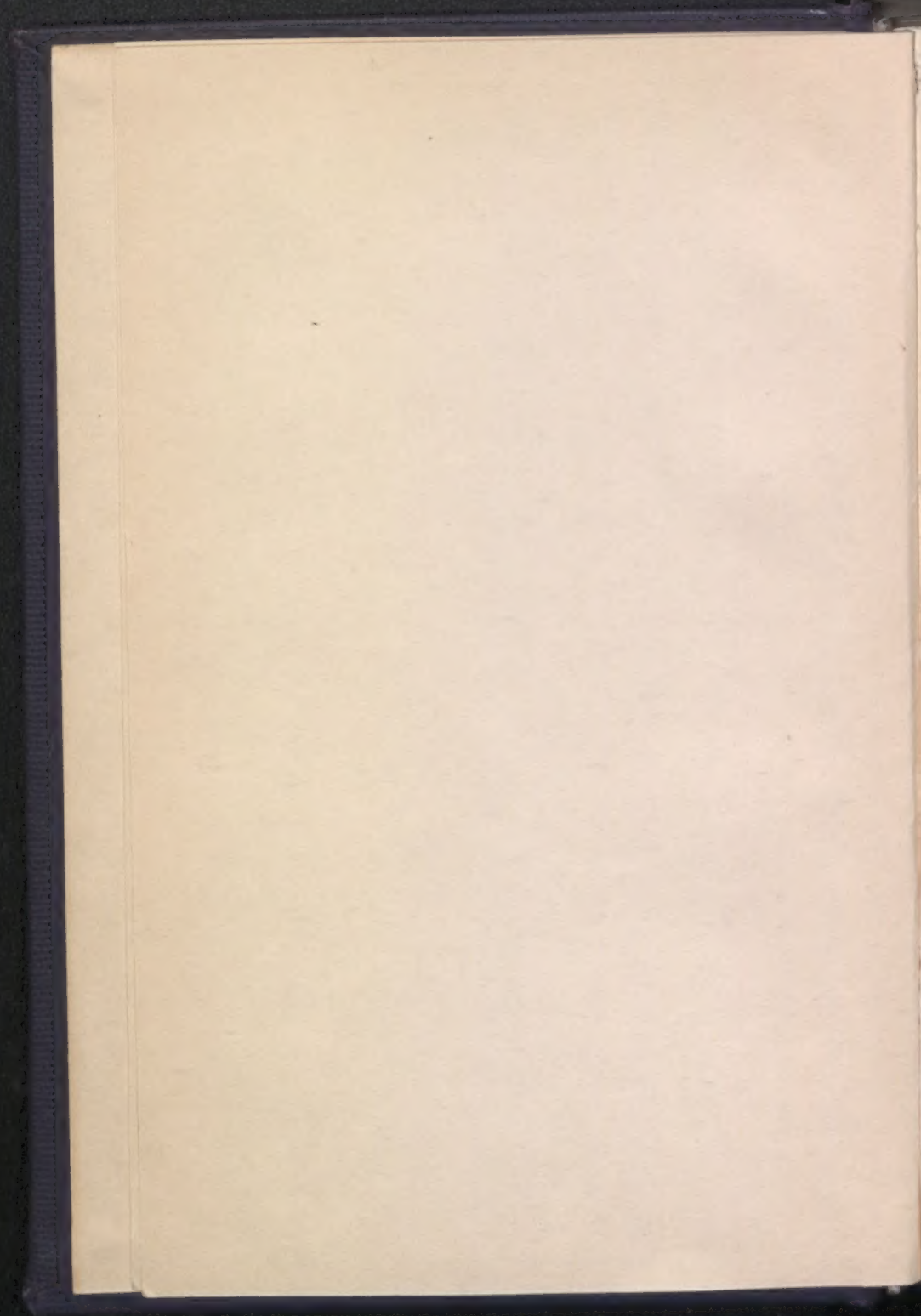
Comptroller's Report 1951



The  
George Washington University  
Library



**DOES NOT  
CIRCULATE**





THE  
GEORGE  
WASHINGTON  
UNIVERSITY  
BULLETIN

THE SUMMER SESSIONS

1951

THE SUMMER SESSIONS

WASHINGTON, D. C.

PUBLISHED IN FEBRUARY  
MCMLI

BY THE UNIVERSITY

THE SUMMER SESSIONS

1951



THE  
GEORGE  
WASHINGTON  
UNIVERSITY  
BULLETIN

---

VOL. L

No. 2

---

THE SUMMER SESSIONS

---

WASHINGTON, D. C.

PUBLISHED IN FEBRUARY  
MCMLI

BY THE UNIVERSITY

SPEC

LD

1907

.A1

V. 50

1951/52

WASHINGTON

UNIVERSITY

BULLETIN

No. 2

Vol. 2

THE SUMMER SESSIONS

WASHINGTON, D. C.

PUBLISHED IN FEBRUARY

1951

~~135156~~

BY THE UNIVERSITY



## CONTENTS

	PAGE
CALENDAR OF THE SUMMER SESSIONS.....	vi
THE UNIVERSITY .....	1
The Board of Trustees .....	3
Officers of Administration .....	4
History and Organization .....	6
Academic Status .....	7
Location .....	7
Educational Facilities .....	8
Other Library Facilities in Washington .....	8
Research Facilities of Washington .....	8
THE SUMMER SESSIONS .....	9
Staff of Instruction .....	11
Admission .....	15
Registration .....	16
Fees and Financial Regulations .....	16
University Regulations .....	18
Veterans Education .....	19
Student Life .....	20
THE COLLEGES, SCHOOLS, AND DIVISIONS .....	23
The Junior College .....	25
Columbian College (the senior college).....	25
The Graduate Council .....	27
The Law School .....	27
The School of Education .....	28
The School of Government .....	29
Foreign Service Examination Review Course .....	29
The Division of University Students .....	30
The Division of Special Students .....	30
The College of General Studies .....	30
COURSES OF INSTRUCTION .....	31
SCHEDULE OF CLASSES .....	63

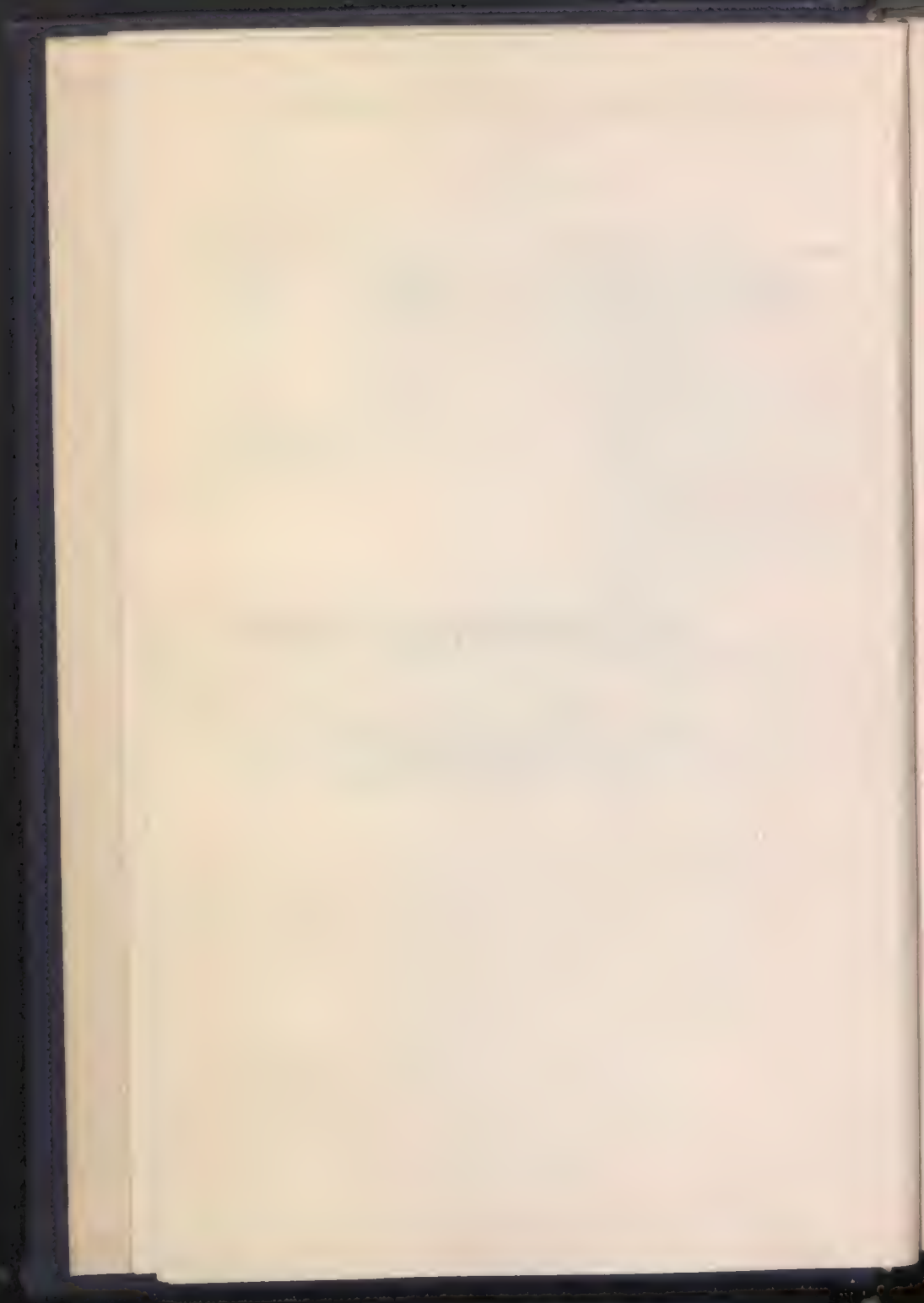
# CALENDAR OF THE SUMMER SESSIONS \* 1951

Date	Day	Occasion
June 4 .....	Monday .....	Registration for the first session
June 5 .....	Tuesday .....	First session classes begin
July 4 .....	Wednesday .....	Independence Day. Holiday
July 30 .....	Monday .....	First summer session ends
July 31 .....	Tuesday .....	Registration for the second session of the summer term
Aug. 1 .....	Wednesday .....	Classes begin
Aug. 25 .....	Saturday .....	Foreign-language examinations for candidates for the Master's degrees
Sept. 3 .....	Monday .....	Labor Day. Holiday
Sept. 14 .....	Friday .....	Last day for receiving theses for the Master's degrees and for the professional degrees in Engineering to be conferred in November
		Last day for receiving dissertations of candidates for the degrees of Doctor of Philosophy and Doctor of Education to be conferred in November
Sept. 21 .....	Friday .....	Second summer session ends
Sept. 26-28 ..	Wednesday through Friday .....	Registration for the fall term of the academic year 1951-52

\* The calendar for the Law School is as follows: first session, June 4-July 31; second session, August 1-September 25; sixteen-week term, June 4-September 25.  
The calendar for the special sessions of the School of Education is as follows: Pre-session, June 11-30; Special Six-Week Session, July 2-August 11; Post-session, August 13-31; Special Session—Elementary Education, June 5-September 1. Registration for each of these sessions is on the first day of classes.



THE UNIVERSITY





## THE BOARD OF TRUSTEES

The Board of Trustees of the University is composed of the President and Vice-President of the University ex officio and the following persons by election:

Robert Vedder Fleming, LL.D., *Chairman*  
Henry Parsons Erwin, A.B., *Secretary*  
Newell Windom Ellison, A.B., LL.B., *Assistant Secretary*

---

Clarence Aiken Aspinwall  
Lyman James Briggs, Ph.D., Sc.D., D.Eng., LL.D.  
John St. Clair Brookes, Jr., A.M., LL.B.  
Mrs. Wilbur John Carr  
Homer Cummings, Ph.B., LL.B., LL.D., L.H.D.  
\*Watson Davis, B.S. in C.E., C.E.  
Mrs. Joshua Evans, Jr., A.B., Ed.D.  
\*Robert Elliott Freer, A.B., LL.M.  
Charles Carroll Glover, Jr., A.M., LL.B.  
Gilbert Grosvenor, A.M., LL.D., Litt.D.  
\*Brooks Hays, A.B., LL.B., LL.D.  
John Edgar Hoover, LL.M., LL.D.  
Frank Atherton Howard, B.S. in M.E., LL.B.  
Robert Houghwout Jackson, LL.B., LL.D.  
Alfred Henry Lawson, LL.B.  
John Keown McKee  
Benjamin Mosby McKelway  
\*Helen Newman, LL.M.  
\*Claude Worthington Owen, LL.M.  
Walter Rupert Tuckerman, A.B., LL.B.  
James Edwin Webb, A.B.  
Alexander Wetmore, Ph.D., Sc.D.  
\*Charles Stanley White, M.D., Sc.D.  
Lloyd Bennett Wilson

---

\* Nominated by the Alumni.

## OFFICERS OF ADMINISTRATION

### THE UNIVERSITY

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University*  
Ulysses S. Grant, 3d, B.S., Graduate United States Engineers School,  
*Vice-President*  
Harold Griffith Sutton, M.S., *Director of Admissions*  
Fred Everett Nessell, A.B., *Registrar; Secretary of the Faculties*  
John Russell Mason, B.S. in L.S., A.M., *Librarian; Curator of Art*  
Myrna Pauline Sedgwick, A.B., *Administrative Secretary*  
Henry William Herzog, B.S., *Comptroller*  
Donald David Blanchard, B.C.E., *Business Manager*  
Claud Max Farrington, A.M., *Director of Activities for Men*  
Virginia Randolph Kirkbride, A.M., *Director of Activities for Women*  
Alan Thomas Deibert, A.M., *Adviser to Students from Foreign Countries*  
Burnice Herman Jarman, A.M., Ed.D., *Director of the Summer Sessions*  
Daniel LeRay Borden, A.M., M.D., *Director of Health Administration*  
John Rust Busick, A.B., *Director of Public Relations*  
Don Carlos Faith, A.M., *Director of Veterans Education*  
Benjamin Douglass Van Evera, Ph.D., *Coordinator of Scientific Activities*

### THE COLLEGES, SCHOOLS, AND DIVISIONS

Myron Law Koenig, Ph.D., *Dean of the Junior College*  
Henry Grattan Doyle, A.M., LL.D., Litt.D., *Dean of Columbian College*  
Robert Whitney Bolwell, Ph.D., *Chairman of the Graduate Council*  
Walter Andrew Bloedorn, A.M., M.D., Sc.D., *Dean of the School of  
Medicine*  
Oswald Symister Colclough, B.S., LL.B., LL.D., *Dean of the Law School*  
Frederick Morris Feiker, B.S. in E.E., D.Eng., *Dean of the School of  
Engineering*  
Charles Watson Bliven, M.S., *Dean of the School of Pharmacy*  
James Harold Fox, A.M., Ed.D., *Dean of the School of Education*  
Arthur Edward Burns, Ph.D., *Dean of the School of Government*  
Elmer Louis Kayser, Ph.D., LL.D., *Dean of the Division of University  
Students; University Marshal*  
Warren Reed West, Ph.D., *Dean of the Division of Special Students*  
Mitchell Dreese, Ph.D., *Dean of the College of General Studies*  
William Lewis Turner, A.M., *Assistant Dean of the Junior College*  
Katharine Rogers Adams, Ph.D., *Assistant Dean in the Junior College*



George Martin Koehl, A.M., *Assistant Dean in the Junior College*

Carr Bartleson Lavell, A.M., *Assistant Dean in the Junior College*

Calvin Darlington Linton, Ph.D., *Assistant Dean of Columbian College*

Carl Hugo Walther, B.E., M.C.E., *Assistant Dean of the School of  
Engineering*

## THE UNIVERSITY

### HISTORY AND ORGANIZATION

The idea of a university in the Capital of the Nation was sponsored by George Washington, who during his public life urged the establishment of such an institution and who in his will left fifty shares of stock in the Potomac (Canal) Company for the endowment of a university to be established in the District of Columbia "to which the youth of fortune and talents from all parts thereof might be sent for the completion of their Education in all the branches of polite literature;—in arts and Sciences,—in acquiring knowledge in the principles of Politics & good Government".

Columbian College in the District of Columbia was chartered by an act of Congress of February 9, 1821. In 1873 the name was changed to "Columbian University" and in 1904 to "The George Washington University".

The George Washington University includes thirteen colleges, schools, and divisions, as follows:

The Junior College offers the work of the first two years of the four-year college program in the liberal arts and sciences; two years of pre-professional work; and two-year terminal courses. Each of these curricula leads to the degree of Associate in Arts.

Columbian College offers the work of the junior and senior years of the four-year college program in the liberal arts and sciences leading to the degrees of Bachelor of Arts and Bachelor of Science. It also offers the studies leading to the degrees of Master of Arts and Master of Science in the fields of the liberal arts and sciences.

The Graduate Council offers a program of advanced study and research leading to the degree of Doctor of Philosophy.

The School of Medicine offers work leading to the degree of Doctor of Medicine.

The Law School offers professional and graduate courses leading to the degrees of Bachelor of Laws, Juris Doctor, Master of Laws, Master of Comparative Law, and Doctor of Juridical Science.

The School of Engineering offers courses leading to the degrees of Bachelor of Civil Engineering, Bachelor of Electrical Engineering, Bachelor of Mechanical Engineering, and Bachelor of Science in Engineering. It also directs work leading to the professional degrees in the fields of civil, electrical, and mechanical engineering.

The School of Pharmacy offers courses leading to the degrees of Bachelor of Science in Pharmacy and Master of Science in Pharmacy.

The School of Education offers undergraduate programs leading to



the degrees of Bachelor of Arts in Education, Bachelor of Science in Home Economics, and Bachelor of Science in Physical Education, and graduate studies leading to the degrees of Master of Arts in Education and Doctor of Education.

The School of Government offers undergraduate programs of study in Foreign Affairs, Accounting, Business Administration, and Statistics, leading to the degree of Bachelor of Arts in Government. Graduate work leading to the degree of Master of Arts in Government is offered in these fields and also in Government and Economic Policy, Public Administration, Personnel Administration, and Vocational Counseling.

The Division of University Students makes available courses for mature students not candidates for degrees in this University.

The Division of Special Students makes available courses for students in the process of qualifying for degree candidacy.

The College of General Studies includes the following divisions: the Off-Campus Division, the Campus Division, and the Division of Community Services. The college is designed for adults, and sponsors a program of credit and non-credit courses throughout the year.

#### **The Summer Sessions.**

#### **ACADEMIC STATUS**

The George Washington University is on the final approved list of the Association of American Universities. This fact not only assures to students the academic standards of this association, but also is important to those who desire to transfer credits from one institution to another.

The University is also accredited by its regional accrediting agency, the Middle States Association of Colleges and Secondary Schools, and is on the approved list of the American Association of University Women.

The Law School is a charter member of the Association of American Law Schools and is approved by the Section of Legal Education and Admissions to the Bar of the American Bar Association. The School of Medicine is a member of the Association of American Medical Colleges, and is one of the medical colleges which have been continuously approved by the American Medical Association. The School of Pharmacy is accredited by the American Council on Pharmaceutical Education and is a member of the American Association of Colleges of Pharmacy. The School of Engineering is on the accredited list of the Engineers' Council for Professional Development.

#### **LOCATION**

The George Washington University is in downtown Washington, four blocks west of the White House and east of the Potomac River with its extensive parkway. Readily accessible to the University are many of the departments of the Government, including the Department of State, the

Department of the Treasury, the Department of Justice, the Department of the Army, the Department of the Navy, the Department of the Interior, the Department of Agriculture, the Department of Commerce, and the Department of Labor, as well as the National Archives, the Capitol, the Library of Congress, the National Academy of Sciences, the Pan American Union, the National Gallery of Art, and the Corcoran Gallery of Art.

#### EDUCATIONAL FACILITIES

Buildings, grounds, and equipment of the University are valued at over \$18,000,000. The buildings of the colleges, schools, and divisions offering Summer Sessions work are in the vicinity of Twenty-first and G Streets, NW.

*The University Library.*—The University Library contains more than 175,000 volumes, and with the exception of the law and medical collections is housed in the Library Building.

Regulations governing the use of the library, the circulation of books, and the use of reserve books and periodicals are available at the service desks of the Library.

#### OTHER LIBRARY FACILITIES IN WASHINGTON

The student has access also to the Library of Congress, the Public Library of the District of Columbia and its branches, the Library of the Pan American Union, the Library of the Bureau of Railway Economics, the Library of the United States Department of Agriculture, the Library of the United States Office of Education, the Army Medical Library, the Library of the Smithsonian Institution, and many other great special collections of the government departments.

#### RESEARCH FACILITIES OF WASHINGTON

The arrangement of the summer schedule of classes permits the full-time student to avail himself of the opportunity to study, at first hand, the working of the Federal Government and so to form a background for intelligent and useful citizenship.

In the departmental libraries of the Federal Government are a multitude of reports made by eminent specialists in all fields of science on the results of study and research in the bureaus, experimental stations, laboratories, museums, and observatories of the Nation.

In addition to the governmental collection the student has access to the research facilities of such scientific and educational groups, whose headquarters are situated in Washington, as the Carnegie Institution, the American Council on Education, the American Council of Learned Societies, the National Academy of Sciences, the National Research Council, the National Education Association, and the National Geographic Society.

THE SUMMER SESSIONS  
1951





## STAFF OF INSTRUCTION IN THE SUMMER SESSIONS

- John Gage Allee, Jr., A.M., *Assistant Professor of English*  
 Antonio Alonso, A.M., *Associate Professor of Spanish*  
 Grover La Marr Angel, A.M., *Lecturer in Education*  
 Walter Hall Bailey, A.M., *Assistant Professor of Geography*  
 Gordon Barnewall, M.B.A., *Assistant Professor of Business Administration*  
 Roberta Shewmaker Barnes, A.M., *Lecturer in Education*  
 John Robert Beishline, Ph.D., *Professorial Lecturer in Business Administration*  
 Gordon Edward Bell, M.B.A., *Instructor in Accounting*  
 Carville Dickinson Benson, A.B., LL.B., S.J.D., *Professor of Law*  
 Lee Sheward Bielski, A.M., *Instructor in Speech*  
 Charles Edward Bish, A.M., Ed.D., *Professorial Lecturer in Education*  
 Harold Jerome Bobys, A.B., C.P.A., *Lecturer in Accounting*  
 Robert Whitney Bolwell, Ph.D., *Professor of American Literature*  
 Paul William Bowman, Ph.D., *Professor of Biology*  
 John Withrow Brewer, Ph.D., *Professor of International Law*  
 Thomas Benjamin Brown, Ph.D., *Professor of Physics*  
 James Leonard Buckler, A.M., *Lecturer in Accounting*  
 John Patrick Burke, A.B., LL.B., *Associate Professor of Law*  
 Lewie Woodrow Burnett, A.B., Ed.D., *Associate Professor of Education*  
 Arthur Edward Burns, Ph.D., *Professor of Economics*  
 Willard Edmund Caldwell, Ph.D., *Assistant Professor of Psychology*  
 Robert Dale Campbell, Ph.D., *Associate Professor of Geography*  
 John Edward Cantlon, Ph.D., *Assistant Professor of Botany*  
 Walter Lynn Cheney, Ph.D., *Professor of Physics*  
 Arthur Castner Christman, Jr., M.S., *Instructor in Physics*  
 William Graham Clubb, A.M., *Instructor in Romance Languages*  
 James Harold Coberly, Ph.D., *Assistant Professor of American Literature*  
 Charles William Cole, Ph.D., *Associate Professor of American Literature*  
 Mary Ellen Coleman, A.M., *Lecturer in Education*  
 Charles Sager Collier, A.B., LL.B., S.J.D., *Professor of Law*  
 Robert McKinney Cooper, Ph.M., J.D., *Associate Professor of Law*  
 William Randall Compton, M.B.A., LL.B., J.S.D., *Professorial Lecturer in Law*

- Norman Patterson Crawford, A.M., *Assistant Professor of Speech*  
Roger Allen Cunningham, B.S., LL.B., *Assistant Professor of Law*  
Edwin Wallace Davis, Ph.D., *Lecturer in Psychology*  
James Forrester Davison, A.B., LL.B., LL.M., S.J.D., *Professor of Law*  
Roderic Hollett Davison, Ph.D., *Associate Professor of European History*  
Martin Steele Day, Ph.D., *Assistant Professor of English*  
Alan Thomas Deibert, A.M., *Professor of Romance Languages*  
Henry Grattan Doyle, A.M., LL.D., Litt.D., *Professor of Romance Languages*  
Mitchell Dreese, Ph.D., *Professor of Educational Psychology*  
Milton Jacob Esman, Ph.D., *Lecturer in Political Science*  
Don Carlos Faith, A.M., *Lecturer in Psychology*  
John Theodore Fey, LL.B., M.B.A., *Associate Professor of Law*  
Lawrence Daniel Folkemer, Ph.D., *Associate Professor of Religion*  
Bernard Hayman Fox, Ph.D., *Assistant Professor of Psychology*  
James Harold Fox, A.M., Ed.D., *Professor of Education*  
William Thomas Fryer, A.B., LL.B., J.D., *Professor of Law*  
Harold Loran Geisert, Ph.D., *Professor of Sociology*  
Wood Gray, Ph.D., *Professor of American History*  
William Lester Griffin, A.B., LL.B., LL.M., *Assistant Professor of Law*  
Fred Latimer Hadsel, Ph.D., *Lecturer in Political Science*  
Gilbert Pierce Haight, Jr., Ph.D., *Assistant Professor of Chemistry*  
James Herrick Hall, A.M., Ed.D., *Lecturer in Education*  
Ira Bowers Hansen, Ph.D., *Professor of Zoology*  
James Willard Harkness, B.S., Ed.M., *Assistant Professor of Chemistry*  
Richard Catlin Haskett, A.M., *Assistant Professor of American History*  
George Francis Henigan, Jr., Ph.M., *Associate Professor of Speech*  
Philip Ingram Herzbrun, A.B., *Instructor in English Composition*  
Jane Frost Hilder, A.M., *Lecturer in Education*  
Averett Howard, A.M., *Associate Professor of English Composition*  
Thelma Hunt, Ph.D., M.D., *Professor of Psychology*  
Frederick Anderson Indorf, A.M., *Lecturer in Education*  
Burnice Herman Jarman, A.M., Ed.D., *Professor of Education*  
Joe Lee Jessup, M.B.A., *Associate Professor of Business Administration*  
Everett Herschel Johnson, Ph.D., *Associate Professor of Statistics*  
Howard Odin Johnson, A.M., Ed.D., *Lecturer in Education*  
Francis Edgar Johnston, Ph.D., *Professor of Mathematics*  
Elmer Louis Kayser, Ph.D., LL.D., *Professor of European History*  
Louis Clark Keating, Ph.D., *Professor of Romance Languages*  
Ralph Dale Kennedy, Ph.D., *Professor of Accounting*  
George Martin Koehl, A.M., *Associate Professor of Physics*  
Myron Law Koenig, Ph.D., *Professor of American History*



- Wolfgang Herbert Kraus, Dr. Jur., S.J.D., *Associate Professor of Political Science*
- Henry Charles Krebs, A.B., *Instructor in Speech*
- Frederick Charles Kurtz, M.B.A., *Instructor in Accounting*
- Francis Lincoln Lambert, B.S., *Instructor in Zoology*
- Carr Bartleson Lavell, A.M., *Assistant Professor of Sociology*
- Wolfram Karl Legner, Ph.D., *Associate Professor of German*
- Calvin Darlington Linton, Ph.D., *Professor of English Literature*
- Howard Rowland Ludden, A.M., *Lecturer in Political Science*
- Charles Lawrence Marks, A.M., *Instructor in Statistics*
- Louis Harkey Mayo, B.S., LL.B., *Assistant Professor of Law*
- Florence Marie Mears, Ph.D., *Professor of Mathematics*
- Robert Randal Meijer, Ph.D., *Associate Professor of Physics*
- Leroy Sorenson Merrifield, A.B., LL.B., M.P.A., *Associate Professor of Law*
- Albert Raymond Miller, Jr., A.M., *Assistant Professor of Economics*
- Arthur Selwyn Miller, A.B., LL.B., *Assistant Professor of Law*
- Robert Hamilton Moore, Ph.D., *Associate Professor of English Composition*
- Edith Elizabeth Mortensen, Ph.D., *Associate Professor of Zoology*
- James Norman Mosél, A.M., *Lecturer in Psychology*
- Sam Clark Munson, M.S., *Assistant Professor of Biology*
- Nels David Nelson, Ph.D., *Assistant Professor of Mathematics*
- Phyllis Annette Nichols, A.M., *Assistant Professor of English*
- Saul Chesterfield Oppenheim, A.M., J.D., S.J.D., *Professor of Law*
- Herman Israel Orentlicher, A.B., LL.B., *Associate Professor of Law*
- Ewing Lakin Phillips, Ph.D., *Assistant Professor of Psychology*
- Forrest Carlisle Pogue, Ph.D., *Professorial Lecturer in History*
- Merle Irving Protzman, Ph.D., *Professor of Romance Languages*
- James Willis Robb, A.M., *Assistant Professor of Romance Languages*
- Gretchen Louisa Rogers, Ph.D., *Associate Professor of German*
- Blake Smith Root, A.M., Ed.D., *Associate Professor of Education*
- Mary Carman Rose, Ph.D., *Instructor in Philosophy*
- Ralph Windsor Ruffner, A.M., Ed.D., *Associate Professor of Education*
- William Frederick Sager, Ph.D., *Assistant Professor of Chemistry*
- Wilson Emerson Schmidt, A.M., *Instructor in Economics*
- Edward Henry Sehrt, Ph.D., *Professor of German*
- Ernest Sewall Shepard, A.M., *Professor of English Literature*
- John William Skinner, A.M., *Instructor in Business Administration*
- Ira Ernest Steele, A.M., *Lecturer in Accounting*
- Edwin Lockwood Stevens, A.M., *Associate Professor of Speech*
- George Winchester Stone, Jr., Ph.D., *Professor of English Literature*
- Rafael Supervia, Doctor en Derecho, *Assistant Professor of Spanish*
- Edith Shores Surrey, A.M., *Instructor in Speech*

- Mirian Townsend Tannhauser, A.M., *Lecturer in Education*  
James Henry Taylor, Ph.D., *Professor of Mathematics*  
John Albert Tillema, Ph.D., LL.M., S.J.D., *Professor of Political Science*  
William George Torpey, Ph.D., *Lecturer on Public Administration*  
Fred Salisbury Tupper, Ph.D., *Professor of English Literature*  
Curtis Edward Tuthill, Ph.D., *Associate Professor of Psychology*  
Benjamin Douglass Van Evera, Ph.D., *Professor of Chemistry*  
Alberto Vázquez, Ph.D., *Lecturer on Spanish American Literature*  
Robert Corbin Vincent, Ph.D., *Associate Professor of Chemistry*  
Donald Stevenson Watson, Ph.D., *Professor of Economics*  
David Benson Weaver, A.B., LL.B., *Assistant Professor of Law*  
Frank Mark Weida, Ph.D., *Professor of Statistics*  
Eugen Weisz, *Lecturer in Art*  
Merle Talmadge Welshans, A.M., *Assistant Professor of Business Administration*  
Warren Reed West, Ph.D., *Professor of Political Science*  
Glen Earl Weston, B.S., LL.B., *Assistant Professor of Law*  
Alva Curtis Wilgus, Ph.D., *Professor of Latin American History*  
Earl Larkin Williams, A.M., *Lecturer in Mathematics*  
William Adriance Withington, A.M., *Instructor in Geography*  
Reuben Esselstyn Wood, Ph.D., *Assistant Professor of Chemistry*  
Samuel Nathaniel Wrenn, Ph.D., *Professor of Chemistry*  
Kennett William Yeager, Ph.D., *Assistant Professor of Sociology*  
Lawson Edwin Yocum, Ph.D., *Professor of Botany*  
Donnell Brooks Young, Ph.D., *Professor of Zoology*

## THE SUMMER SESSIONS

The work of the Summer Sessions has been planned to meet the needs of full- and part-time students and of those who are accelerating the college work.

During the summer of 1951, courses are offered in the Junior College, Columbian College (the senior college), the Law School, the School of Education, and the School of Government.

Students may enter the Summer Sessions at the beginning of any one of the sessions.

In the first and second sessions classes meet daily, Monday through Friday, for a period of eight weeks, unless otherwise specified. During each session the work of a regular term of the academic year is completed.

In all of the sessions of the School of Education classes meet daily, Monday through Friday.

### ADMISSION

An applicant for admission must obtain from the Office of the Director of Admissions an application blank which he must fill out completely and return with the application fee of \$3. A recent photograph, with signature, of the applicant must be attached to the blank.

### ENTRANCE REQUIREMENTS

#### The Student Seeking a Degree

An applicant from a secondary school must send the high school record form furnished by the University to his high school principal, with the request that the principal fill out the form and mail it direct to the Office of the Director of Admissions.

An applicant who has previously attended an institution of higher learning should request the registrar of that institution to mail direct to the Office of the Director of Admissions a transcript of his record. If he has attended more than one such institution he must request the registrar of each institution to send to the Office of the Director of Admissions a transcript of his record, *even though credits were not earned*, together with an honorable dismissal.

Entrance requirements are stated in this bulletin under the various colleges, schools, and divisions.

#### The Student Not Seeking a Degree

Students 21 years of age or over who are not interested in working for a degree in this University may be considered for admission to the



Division of University Students to take courses for which they have adequate preparation, as evidenced by previous scholastic records.

In special instances, with the permission of the instructor, a person who has been admitted to the University may be registered as an auditor in a class without being required to take active part in the exercises or to pass examinations, but no academic credit will be allowed for such attendance. Students in good standing and matriculated for degrees in other institutions who wish to take certain courses in this University will be admitted to the Division of University Students for the summer only, to the extent that the facilities permit. In such cases transcripts of record are not required.

#### REGISTRATION •

Before a student may register he must have satisfied the Office of Admissions that he is qualified to enter the University.

A student previously matriculated in the University but not in attendance during the term preceding this registration must file an application for readmission in advance of registration.

For registration students should report to the Office of the Registrar, Building C, 2029 G Street NW., between 9:00 A.M. and 7:00 P.M., on the dates stated in the Calendar.

#### CHANGES IN PROGRAM OF STUDY

Changes in programs of study may be made only with the permission of the adviser or major professor and the dean or director of the college, school, or division concerned.

#### FEES AND FINANCIAL REGULATIONS

By authorization of the Board of Trustees, the following fees have been adopted:

##### TUITION FEES

For each credit hour..... \$12.00

##### ADDITIONAL COURSE FEES

In certain courses additional fees such as laboratory and material fees are charged as indicated in the course descriptions. These fees are due with the tuition fee for the course. Breakage of apparatus is charged against the individual student. When breakage is in excess of the normal amount provided for in the laboratory fee, the individual student will be required to pay such additional charges as are determined by the department concerned.

##### GRADUATION FEES

Wherein the degree of Associate in Arts is granted..... 10.00  
Wherein a degree other than the Associate in Arts degree is granted 20.00

• Registration for the Law School is conducted in Stockton Hall, 720 Twentieth Street, NW.

<b>FEE FOR BINDING MASTER'S THESES.....</b>	<b>4.00</b>
<b>SPECIAL FEES</b>	
Application fee, charged all new applicants for admission, non-refundable .....	3.00
Aptitude test fee.....	1.00
Late-registration fee, for failure to register within the designated period .....	5.00
Service fee, for late payment of tuition (see "Payment of Fees")...	1.00
Reinstatement fee, for reinstatement after suspension for delinquency in fees .....	5.00
For each examination to qualify for advanced standing, and for each special examination .....	5.00
Laboratory checkout fee, charged all students in chemistry and pharmacy courses who fail to check out of the laboratory by the time set by the instructor.....	2.00
Withdrawal fee, charged each student who preregisters and withdraws prior to the day of regular registration.....	5.00

Registration in the University entitles each student to the following University privileges: (1) the issuance of three certified transcripts of record, if and when desired; (2) the use of the University library facilities, except as otherwise designated; (3) medical and hospital services described below. These privileges, with the exception of the issuance of transcripts, cease when the student withdraws or is dismissed from the University.

*Medical and Hospital Services.*—These services include: (1) three visits by the University physician or surgeon, office or residence (District of Columbia) in any one illness, exclusive of a specialist, surgical operation, laboratory, or X-ray examinations; (2) hospitalization, including board and nursing in the University Hospital for not more than one week during any twelve-month period—the necessity to be determined by the Director of Health Administration. The duration of hospitalization period (maximum, one week) is also to be determined by the Director of Health Administration.

The student is allowed, if he so desires, to engage physicians and nurses of his own choice, but when he does so he will be responsible for the fees charged.

This medical benefit does not apply to illness or disability incurred previous to the University term or prior to payment of tuition fees.

#### PAYMENT OF FEES

All fees are payable at the Office of the Cashier, 725 Twenty-first Street NW. No student is permitted to complete registration or to attend classes until all fees are paid. Fees for each session are due in advance at the time of registration.

An auditor pays all fees chargeable to the student registered for credit except the late-registration fee.

## WITHDRAWALS AND REFUNDS

Registrations, except for courses which extend throughout one unbroken term of sixteen weeks, are for the session, and no refunds or rebates are allowed, unless the registration is in advance and the course is dropped before the day of registration for the session involved.

A student who preregisters and withdraws prior to the date of regular registration will be charged a withdrawal fee of \$5.

If notice of withdrawal or change in schedule involving courses which extend over an unbroken term of sixteen weeks is received by the Dean on or before July 31 one-half of the fees will be cancelled. Notice to an instructor is not acceptable notice.

In no case will any part of the initial payment of tuition be refunded because of nonattendance upon classes.

Payments apply only to the session or term for which registration charges are incurred and in no case will these payments be credited to another session or term.

Any student in chemistry who fails to check out of the laboratory on or before the date set by the instructor, unless excused by the instructor, will be charged a laboratory check-out fee of \$2. A student dropping a course before the end of the session must check out of the laboratory at the next scheduled laboratory period.

No permission to withdraw and no certificate for work done will be given a student who has not a clear financial record.

## UNIVERSITY REGULATIONS

*Students in the Summer Sessions are subject to, and are expected to familiarize themselves with, the University regulations as stated in the general catalogue.*

*Academic Credit.*—The Summer Sessions are an integral part of the University. Academic credit for completed work will be given toward the appropriate degrees in the various colleges and schools of the University in accordance with their separate regulations and requirements.

*Residence.*—Summer Sessions work may be counted in residence but the candidate for a degree must satisfy the residence requirements of the school or college concerned as stated in the general catalogue.

*Amount of Work.*—No full-time student may take more than nine credit hours of work during either session; no employed student, more than six hours. By carrying work in both sessions, a full-time student may earn as much as eighteen credit hours; an employed student, twelve hours.

In the Law School the maximum amount of work that may be taken by a full-time student is sixteen credit hours; by an employed student, ten credit hours.



The right is reserved to drop any student whenever, in the interest of the student or the University, the Faculty deems it advisable to do so.

The University is not responsible for the loss of personal property belonging to a student.

The University and its various colleges, schools, and divisions reserve the right to modify or change the requirements, rules, and fees of the University. Such regulations shall go into force whenever the proper authorities may determine and shall apply to every student of the University.

---

Detailed information concerning curricula; courses offered; admission; scholarship requirements of the individual colleges, schools, and divisions; and requirements for degrees may be obtained from the general catalogue, which is available on request at the Office of the Director of Admissions.

#### VETERANS EDUCATION

Veterans who wish advice concerning the educational program of the University or the procedure for securing the educational benefits of the GI Bill should consult the Veterans Office, Building Q.

Attention is invited to the provision of law which prescribes that courses under the GI Bill must be "initiated not later than four years after either the date of his discharge or the termination of the present war, whichever is the later". For most veterans this means that the course must be initiated by July 24, 1951.

#### AUTHORIZATION FROM THE VETERANS ADMINISTRATION

At least thirty days prior to registration the veteran should obtain from the Regional Office of the Veterans Administration, 1825 H Street NW., a Certificate of Entitlement or, if entitled to vocational rehabilitation, a letter approving training under Public Law 16 for presentation to the Veterans Office of the University at the time of registration. A photostatic copy of separation papers must accompany the application for certification. Veterans who have attended another institution under the GI Bill must obtain a Supplemental Certificate of Eligibility to present to this University.

Veterans already enrolled in the University are requested to consult the Office of Veterans Education prior to making any changes in their academic programs, because of changes in Veterans Administration regulations concerning Supplemental Certification.

## ADMISSION

For veterans who are deficient in their regular requirements for admission, but who have been found by educational and psychological tests to be able to undertake college work, the University has made certain modifications in the entrance requirements.

*Advanced Standing.*—To receive credit for service schools, veterans should submit to the Director of Admissions photostatic copies of service records indicating courses successfully completed with sufficient identification of the course to enable the Admissions Office to locate it in the Guide to the Evaluation of Educational Experience in the Armed Forces.

## CONTINUOUS REGISTRATION

By carrying a continuous program throughout the fall, winter, and summer terms, the veteran may complete a four-year college course in three calendar years with no interruption in his subsistence payments.

## STUDENT LIFE

## SOCIAL AND RECREATIONAL PROGRAM OF THE UNIVERSITY

Provision is made for the social and recreational side of student life during the Summer Sessions. The Annual Summer Sessions Party opens the season and is followed by Friday Evening Starlight Dances on the Lisner Terrace. Teas are arranged so that new students will have a chance to become acquainted with their fellow students.

The city of Washington affords a variety of recreational opportunities. Wooded trails for hiking, riding, and picnicking wind through Rock Creek Park.

The National Symphony Orchestra presents a series of concerts at the Potomac Watergate nearby.

## LIVING ACCOMMODATIONS

*Women Students.*—Women students under twenty-one years of age who are enrolled for six or more credit hours a session of academic work in the University must have their residences approved by the Director of Activities for Women before their registrations can be completed. In the Hattie M. Strong Residence Hall for Women, single rooms are \$35 a month; double rooms are \$28 a month a person. Applications for rooms should be made well in advance. Meals are served at the Student Union. Forms for application, together with detailed information, may be obtained from the Director of Activities for Women, Woodhull House, 2033 G St. NW.

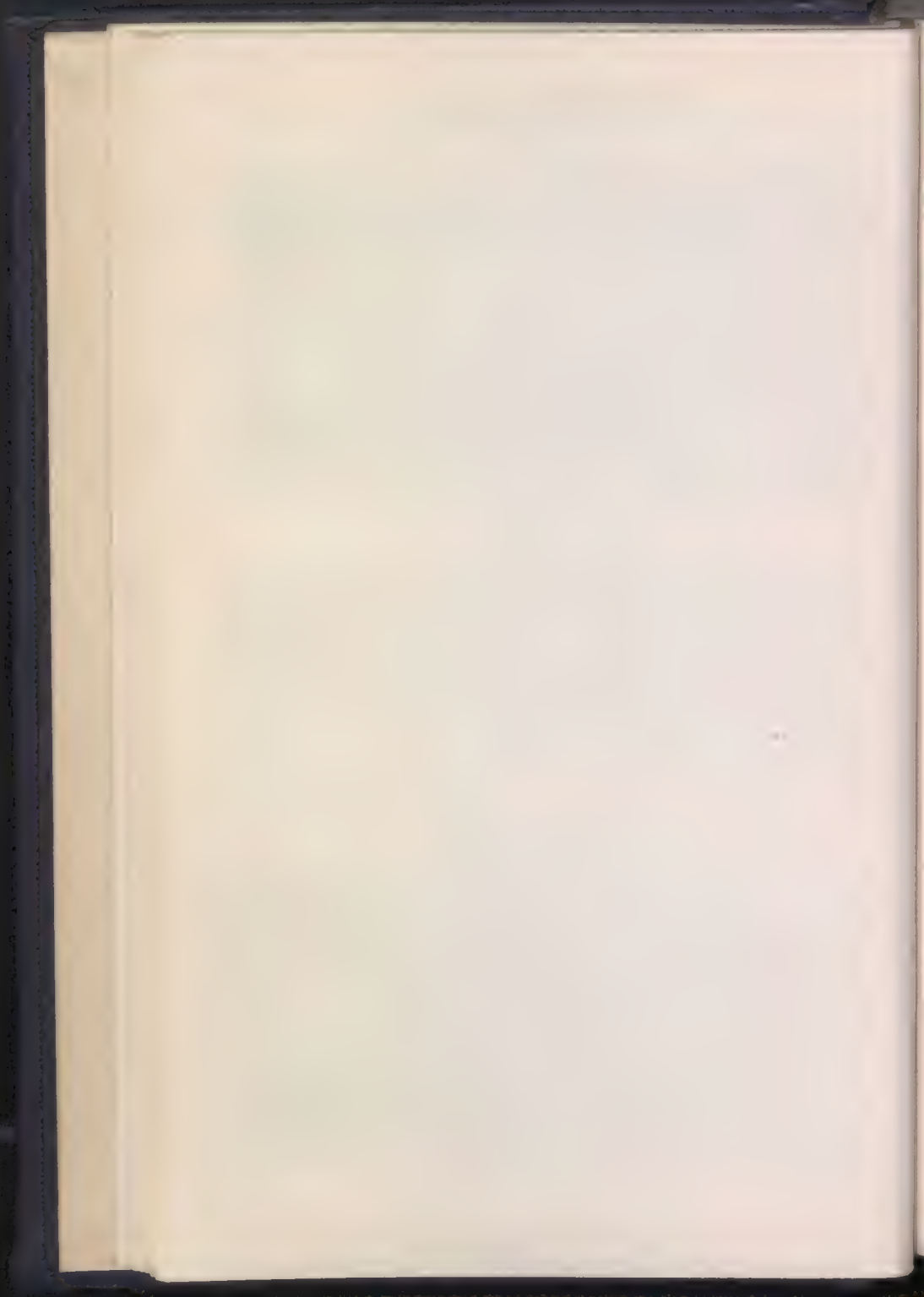
*Men Students.*—Welling Hall provides double room facilities for 102 students. Rooms rent for \$24 a month a person. Single and double rooms are provided for 203 students in Draper and Bradley Halls.

Single rooms are \$17 a month; double rooms are \$13 a month a person. The University maintains a limited number of temporary apartment units for married veteran students and their families. Meals are served at the Student Union. Application forms for room reservation may be obtained from the Director of Activities for Men, Building R, 2027 H Street NW.

---

Information concerning private rooming and boarding facilities near the University, for women students twenty-one years of age or older and for men students, may be obtained at the offices of the Director of Activities for Women and the Director of Activities for Men, respectively. The reservation of rooms in private houses must be made by students.





THE COLLEGES, SCHOOLS, AND DIVISIONS





## THE COLLEGES, SCHOOLS, AND DIVISIONS

Information concerning specific requirements for degrees is omitted from this bulletin. For such information, the student is referred to the general catalogue.

### THE JUNIOR COLLEGE

The Junior College includes the first two years of college work. Its curricula are intended to continue the studies of a general cultural nature begun in secondary school, and to lay a foundation for the more specialized work which is to follow.

The Junior College also provides the preprofessional work required for admission to the schools of Pharmacy, Education, and Government, and the first two years of the preprofessional work required for admission to the schools of Medicine and Law.

In addition it provides a two-year terminal curriculum in Secretarial Studies and a two-year terminal curriculum in Accounting for students who wish strictly vocational training in these subjects.

### THE DEGREE OF ASSOCIATE IN ARTS

The Junior College offers work leading to the degree of Associate in Arts.

### ENTRANCE REQUIREMENTS

An acceptable certificate of graduation from an accredited secondary school is required. The acceptability of the certificate depends upon the student's character and the quality of his work.

### COLUMBIAN COLLEGE

Columbian College, the senior college of liberal arts and sciences, comprises the work of the junior and senior years and the Master of Arts and Master of Science disciplines.

### THE DEGREES

Columbian College offers work leading to the following degrees: Bachelor of Arts, Bachelor of Science, Master of Arts, and Master of Science. In cooperation with the School of Medicine, Columbian College offers work leading to the combined degrees of Bachelor of Arts and Doctor of Medicine.

### UNDERGRADUATE MAJORS

Curricula leading to the degree of Bachelor of Arts are available in the following major fields:

American Thought and Civilization	Latin American Civilization and Culture
Art:	Mathematics
Appreciation	Philosophy
Drawing and Painting	Physics
Biology	Political Science
Botany	Psychology
Chemistry	Religion
Economics	Sociology
English Literature	Spanish American Literature
French Literature	Spanish Literature
Geography	Speech:
Geology	Public Speaking
Germanic Languages and Literatures	Theatre
History	Speech Correction
Journalism	Statistics
News—Editorial	Zoology
Public Relations	

Curricula leading to the degree of Bachelor of Science are available in the following major fields:

Biology	Physics
Botany	Statistics
Chemistry	Zoology
Mathematics	

### GRADUATE FIELDS

Graduate work leading to the degree of Master of Arts or Master of Science is offered in the following fields:

American Literary and Cultural	History
History	International Relations
Anatomy	Latin American Civilization and Culture
Bacteriology	Mathematics
Biochemistry	Pharmacology
Biology	Philosophy
Botany	Physics
Chemistry	Physiology
Dramatic Art	Political Science
Economics	Psychology
English and American Literature	Sociology
English Literature	Spanish American Literature
French Literature	Spanish Literature
Geography	Statistics
Geology	Zoology
Germanic Languages and Literatures	

In addition, programs can be arranged in combined fields subject to the approval of the division or divisions concerned.

#### ENTRANCE REQUIREMENTS

For the Bachelor's degrees, the degree of Associate in Arts based on the appropriate curriculum in the Junior College, or the equivalent, is required. Scholarship requirements may be somewhat higher than those for graduation from the Junior College. For the Master's degrees, an approved Bachelor's degree from an accredited institution and a transcript of studies previously pursued, showing appropriate distribution of courses and a superior quality of work in the major field, are required.

#### THE GRADUATE COUNCIL

The Graduate Council offers work leading only to the degree of Doctor of Philosophy. Because the basis for work under the Graduate Council is primarily creative research, regular study in specific courses is considered quite incidental and is therefore not emphasized in connection with the curricula of the Summer Sessions. A student wishing to work under the disciplines of the Graduate Council will consult the Chairman of the Graduate Council for information concerning credentials and candidacy.

A pamphlet describing details of the Graduate Council program, together with a current list of fields of research offered by the Council, will be sent upon request to the Office of the Graduate Council.

#### THE LAW SCHOOL

The Law School offers work leading to the following degrees: Bachelor of Laws, Juris Doctor, Master of Laws, Master of Comparative Law, and Doctor of Juridical Science.

#### ENTRANCE REQUIREMENTS

*For the Degree of Bachelor of Laws.*—A Bachelor's degree awarded upon completion of a four-year course in an approved college or university is required. All pre-legal work must be of a satisfactory quality and distribution. No student will be admitted who has been in attendance at another law school and who is ineligible to return to that school in good standing. From the applicants, a selection will be made by the Committee on Admissions.

The Juris Doctor degree is conferred as a recognition of completion with high rank of the full professional course, including experience in research and legal authorship. A student does not register as a candidate for this degree until his last year in the Law School.

*For the Degree of Master of Laws.*—A Bachelor of Arts or equivalent degree from an approved college or university and a Bachelor of Laws or equivalent degree from a member school of the Association of American Law Schools are required. Candidates for admission must have attained an average grade on all work done for the Bachelor of Laws



degree equivalent to the relative position of a *B* average in the standards of grading at this Law School, except that, in the discretion of the Committee on Graduate Studies, applicants otherwise eligible may be admitted on proof of experience and attainment as an alternative.

*For the Degree of Master of Comparative Law.*—The following are required: (1) the successful completion of and graduation from a course in arts, philosophy, letters or sciences, equivalent to graduation from a gymnasium, lycee, or lyceo (junior college); and (2) graduation in law from a recognized foreign university where training was in civil law.

*For the Degree of Doctor of Juridical Science.*—The following are required: (1) the degree of Juris Doctor from this Law School; or (2) the degree of Bachelor of Arts from an approved college, the degree of Bachelor of Laws or the equivalent, earned with high rank, from a member school of the Association of American Law Schools, outstanding capacity for scholarly work in the field of law, and acceptance as a candidate by the Committee on Graduate Studies of the Law School.

*Unclassified Students.*—A person eligible for admission to regular standing but not a candidate for a degree may, at the discretion of the Dean, be admitted as an unclassified student.

A person who is in good standing as a candidate for a degree in another law school which is a member of the Association of American Law Schools may, at the discretion of the Dean, be admitted as an unclassified student.

Work taken by an unclassified student will not be accepted for credit toward a degree at this Law School.

#### THE SCHOOL OF EDUCATION

The School of Education prepares teachers, supervisors, and administrators for educational service and offers opportunities to teachers of experience to extend their education. The schedule of courses is arranged to meet the needs of employed students as well as those able to devote full time to their studies. It offers both graduate and undergraduate work.

#### THE DEGREES

The School of Education offers work leading to the following degrees: Bachelor of Arts in Education, Bachelor of Science in Home Economics, Bachelor of Science in Physical Education, Master of Arts in Education, and Doctor of Education.

#### ENTRANCE REQUIREMENTS

*For the Bachelor's Degrees.*—The satisfactory completion of two years of approved college work, or graduation from an approved two-year normal school, or the equivalent, is required.

*For the Master's Degree.*—A Bachelor's degree from an accredited college, or the equivalent, and the approval of the Committee on Admissions and Advanced Standing are required.

*For the Doctor's Degree.*—A Master's degree from an accredited college, or the equivalent, and the approval of the Faculty of the School of Education are required.

## THE SCHOOL OF GOVERNMENT

### THE DEGREES

The School of Government offers work leading to the following degrees: Bachelor of Arts in Government with a major in Foreign Affairs, Statistics, Accounting, and Business Administration; and Master of Arts in these fields as well as in Government and Economic Policy, Public Administration, Personnel Administration, and Vocational Counseling.

### ENTRANCE REQUIREMENTS

*For the Bachelor's Degree.*—The satisfactory completion of two years of approved college work is required for admission to study for this degree.

*For the Master's Degree.*—An approved Bachelor's degree based on the proper training for the field selected by the student for graduate study is required.

### FOREIGN SERVICE REVIEW COURSE

The University will offer a ten-week non-credit Review Course, June 25 to August 31, in preparation for the written Foreign Service Examination to be given by the Department of State in September 1951. To be eligible to take this examination, the applicant (1) shall be over 21 and under 30 years of age as of July 1, 1951; (2) shall have been a citizen of the United States for at least 10 years; (3) shall not be married to an alien; (4) shall have an adequate knowledge of at least one foreign language.

Enrollment in the Foreign Service Review Course is limited and admission is on a competitive basis. Applicants must have a Bachelor's degree in the field of the social sciences and a superior academic record. Only in exceptional cases is admission granted to college seniors and graduates in other fields.

Application for admission must be received by May 25, 1951.

The cost of this course, including library and medical facilities and other privileges of the University, is \$180, which in the case of veterans is covered by the educational benefits of the GI Bill.

For further information and application forms, write to the Director, Foreign Service Review Course, School of Government.

#### THE DIVISION OF UNIVERSITY STUDENTS

The Division of University Students makes the work of the University, in its several colleges and schools, accessible to students 21 years of age or over who are not working toward a degree in this University.

Candidates for degrees in other colleges and universities attending the Summer Sessions of the University are registered in the Division of University Students.

Adequate preparation to undertake the desired courses is required.

#### THE DIVISION OF SPECIAL STUDENTS

This is a non degree-granting division of the University in which the Director of Admissions may authorize the placement of students in the process of making up entrance deficiencies to degree-granting colleges and schools of the University.

Complete credentials must be submitted and evaluated before a program of studies is approved.

#### COLLEGE OF GENERAL STUDIES

The College of General Studies offers off-campus credit and non-credit courses in any field in which there is sufficient demand and for which instructional facilities can be made available. These courses will meet at the time and place most convenient for the students enrolled and may begin at any time of the year.

The College also provides a degree-granting division for mature adults whose background and experience is such that they should be matriculated in a division designed to meet their special needs.

The Division of Community Services provides a program of community educational services such as the Washington Counseling Center, the George Washington University Reading Clinic, and the Governmental Internship Scholarship Program.

#### ENTRANCE REQUIREMENTS

*Off-Campus Credit Courses.*—A simplified procedure for admission and registration in off-campus courses is conducted at the first meeting of the class. Transcripts of previous academic work are not required. Registration is restricted to those whose qualifications would indicate that they are able to carry the course successfully. Admission to an off-campus course does not constitute admission to degree candidacy in the University.

*Off-Campus Non-Credit Courses.*—In general, off-campus non-credit courses will be open to any individual interested in enrolling. When a non-credit course is organized at the request of some particular agency or group, admission may be restricted to the students recommended by the sponsoring organization. A limit on the size of classes may have to be imposed in order to maintain the quality of instruction.



COURSES OF INSTRUCTION



## COURSES OF INSTRUCTION

### EXPLANATION OF COURSE NUMBERS

*An odd number preceding the name of the course indicates that the course is offered in the first session; an even number, that it is offered in the second session. The letter "x" following an odd number (e.g., 5x) indicates that the course, normally given in the first session, is given in the second session. The letter "x" following an even number (e.g., 6x) indicates that the course, normally given in the second session, is given in the first session. The letter "S" following the number of a course indicates that the course is given in one term of sixteen weeks.*

*First-group courses.*—Courses numbered from 1 to 100, are planned for the student in the freshman or sophomore year. With the approval of the adviser and the dean, they may also be taken by a junior or senior. In certain instances, they may be taken by a graduate student to make up undergraduate deficiencies or as prerequisite to advanced courses, but they may not be credited toward a higher degree.

*Second-group courses.*—Courses numbered from 101 to 200, are planned for the student in the junior or senior year. They may be credited toward higher degrees only when registration for graduate credit has been approved at the beginning of the course by the dean responsible for the graduate work and by the officer of instruction, and when the completion of additional work has been certified by the officer of instruction.

*Third-group courses.*—Courses numbered from 201 to 300, are planned primarily for the graduate student. They are open, with the approval of the officer of instruction, to the qualified senior; they are not open to the Junior College student.

### INDICATION OF THE AMOUNT OF CREDIT

The number of hours of credit given for the satisfactory completion of a course is in most cases indicated in parentheses after the name of the course.

---

The University reserves the right to change or withdraw any of the courses of instruction listed.



## ACCOUNTING

## FIRST SESSION

- 1 *Introductory Accounting* (3) Kennedy, Buckler  
Basic principles underlying accounting records used by single proprietorships; preparation of the work sheet and financial statements. Section A: 8:10 A.M.; section B: 6:10 P.M.
- 137 *Financial Statement Analysis* (3) Kennedy  
Methods and techniques of preparing, analyzing, and interpreting financial statements for the guidance of operating executives, directors, stockholders, and creditors; determination and interpretation of trends and ratios. Prerequisite: Accounting 1-2. 9:10 A.M.
- 147 *Cost Accounting* (3) Kurtz  
Study of the theory and purpose of industrial cost accounting; treatment of the systems of cost control and determination, and the analysis and interpretation of cost data. Emphasis will be on job order cost accounting. Prerequisite: Accounting 1-2. 10:10 A.M.
- 151 *Intermediate Accounting* (3) Kurtz  
Problems relating to asset valuation and income determination and the recording of assets and liabilities; the treatment of depreciation, depletion, amortization, funds, and reserves is stressed. Prerequisite: Accounting 1-2. 6:10 P.M.
- 153 *Advanced Accounting* (3) Kurtz  
Intensive study of consolidated statements, statement of affairs, realization and liquidation reports, estate and trust accounting, and application of actuarial science to accounting. Prerequisite: Accounting 151-52. 7:10 P.M.
- 281 *Advanced Accounting Theory* (3) Kennedy  
An intensive study of advanced accounting principles and concepts and of recent theories in connection with the valuation of assets and the determination of income. Prerequisite: eighteen hours of Accounting, or permission of instructor. Mon. and Wed., 6:10 to 8:30 P.M.

## SECOND SESSION

- 2 *Introductory Accounting* (3) Bobys, Steele  
Basic principles underlying accounting records used by partnerships and corporations; introduction to cost accounting and valuation and income determination problems. Prerequisite: Accounting 1. Section A: 8:10 A.M.; section B: 6:10 P.M.
- 148 *Standard and Distribution Cost Accounting* (3) Bell  
Analysis of the flow and accumulation of costs in continuous manufacturing or conversion processes and in product distribution; development and application of standard costs. Prerequisite: Accounting 147, or permission of instructor. 7:10 P.M.
- 152 *Intermediate Accounting* (3) Bell  
Accounting for the organization, financing, operation, and dissolution of partnerships and corporations. Prerequisite: Accounting 151. 6:10 P.M.

161x *Auditing* (3)

Bell

Study of the duties and responsibilities of the auditor, principles and procedures in making audits, the technique of verifying each financial statement item, and the preparation of audit working papers and reports. Prerequisite: Accounting 151-52, or permission of the instructor. 9:10 A.M.

## ART

## FIRST SESSION

177 *Still Life and Landscape—Drawing and Painting* (3)

Weisz

Beginners may be admitted with the consent of the instructor. Section A: 9:00 to 12:00 A.M.; section B: 1:00 to 4:00 P.M.; section C: 5:30 to 8:30 P.M.

## BIOLOGY \*

## FIRST SESSION

1 *Survey in Biology* (3)

Bowman

A review of the plant and animal kingdoms, with emphasis upon the interdependence of living things. Material fee, \$4.50. Lecture—Tues. and Thurs., 9:10 P.M.; laboratory—Tues. and Thurs., 10:10 to 12:00 A.M.; field trips—Wed. and Fri., 9:10 to 12:00 A.M.

115 *Cytology* (3)

Bowman

Study of plant and animal cells and their components, including the chromosomes and their role in heredity, with training in the preparation of materials for study. Material fee, \$6. Prerequisite: one year of college work in Biology, Botany, or Zoology. Lecture—Mon. and Wed., 6:10 P.M.; recitation—Mon. and Wed., 7:10 P.M.; laboratory—Tues. and Thurs., 6:10 to 9:00 P.M.

211 *Research in Cytology* (arr.)

Bowman

Hours and credits to be arranged.

299 *Thesis* (3)

Bowman

## SECOND SESSION

2 *Survey in Biology* (3)

Munson

A review of the fields of evolution and heredity, public health, and conservation of natural resources. Material fee, \$4.50. Lecture—Tues. and Thurs., 9:10 P.M.; laboratory—Tues. and Thurs., 10:10 to 12:00 A.M.; field trips—Wed. and Fri., 9:10 to 12:00 A.M.

## BOTANY ‡

## FIRST SESSION

1 *Structure and Function of the Flowering Plant* § (3)

Cantlon

The typical plant as a working mechanism, with emphasis on the general biological significance of plant physiology. Material fee, \$4.50.

\* See also the departments of Botany and Zoology.

‡ See also the departments of Biology and Zoology.

§ Botany 1 and 2 are prerequisites to all other courses in Botany.

Lecture—Tues. through Fri., 11:10 A.M.; laboratory—Tues. through Fri., 12:10 to 1:00 P.M.

105 *Field Botany* (3)

Cantlon

Field trips to neighboring localities of botanical interest, with classroom study. Prerequisite: Botany 1 and 2 or Biology 1-2. Lecture—Mon., 6:10 P.M. and Sat., 9:10 A.M.; laboratory—Mon., 7:10 to 9:00 P.M. and Sat., 2:10 to 4:00 P.M.; trip—Sat., 10:10 A.M. to 1:00 P.M.

295 *Research* (arr.)

The Staff

Hours and credits to be arranged.

299 *Thesis* (3)

The Staff

SECOND SESSION

2 *Survey of the Plant Kingdom*\* (3)

Yocum

Study of the different kinds of plants with emphasis on the evolution of the plant kingdom; practice in identifying flowering plants. Material fee, \$4.50. Lecture—Tues. through Fri., 11:10 A.M.; laboratory—Tues. through Fri., 12:10 to 1:00 P.M.

118 *Physiology of Bacteria and Fungi* (3)

Yocum

Lectures, literature reviews, and laboratory studies of the physiology of bacteria and fungi. Prerequisite: Botany 1 and 2 or Biology 1-2. Lecture—Mon. and Thurs., 6:10 to 8:00 P.M.; laboratory—Mon. and Thurs. as arranged.

296 *Research* (arr.)

The Staff

Hours and credits to be arranged.

300 *Thesis* (3)

The Staff

BUSINESS ADMINISTRATION

FIRST SESSION

141 *Principles of Marketing* (3)

Barnewall

A survey of marketing, giving particular attention to consumption, retailing, wholesaling, and sales management; the entire marketing structure and its relation to the total economy. Prerequisite: Economics 1-2. 10:10 A.M.

143 *Marketing Research* (3)

Barnewall

Study of the techniques of marketing research, sources of information and how to use these sources, and the bringing together of the tools of research into a workable body of knowledge which can be applied to a given marketing situation. 6:10 P.M.

147 *Advertising* (3)

Barnewall

Advertising as a function of marketing and merchandising; evaluation, purchase, criticism, and control of advertising; uses and limitations of advertising as a tool of management. 7:10 P.M.

\* Botany 1 and 2 are prerequisite to all other courses in Botany.



195 *Controllership* (3)

Jessup

The duties, responsibilities, and place of the controller in a business organization; relations of controller to other departments and regulatory bodies; and the controller's relation to price setting and inventories, depreciation policies, internal auditing, expense control and budgeting, and financial reports to management, stockholders, and employees. Prerequisite: Accounting 1-2. 7:10 P.M.

198x *Problems in Business Management* (3)

Jessup

Principles and methods of management illustrated by cases drawn from business and industry. Open to seniors, 9:10 A.M.

286x *Management in the Armed Forces* (3)

Beishline

Current thought on military management, information regarding military organization, command and leadership, as well as management problems of the armed forces. Tues. and Thurs., 8:10 to 10:00 P.M.

291 *Seminar in Business Management* (3)

Jessup

Research on various phases of management, including business, industrial, and personnel management. Mon. and Wed., 8:10 to 10:00 P.M.

## SECOND SESSION

101x *Business Organization and Combination* (3)

Simple and interrelated forms of business enterprise and their control by government. 10:10 A.M.

102 *Business Management* (3)

The management movement, organization of an enterprise, principles of management and their application to various departments of an enterprise. 7:10 P.M.

105x *Personnel Management in Industry* (3)

Organization and work of the personnel department, human relations in business. 6:10 P.M.

121x *General Insurance* (3)

Welshans

A general course in underlying principles of property, life, marine, and casualty insurance, and the function of insurance in the economic life of a business or individual. Prerequisite: Economics 1-2. 11:10 A.M.

131x *Business Finance* (3)

Welshans

Basic principles involved in the financing of business enterprises. Prerequisite: Accounting 1-2. 7:10 P.M.

232 *Seminar in Business Finance* (3)

Welshans

Research in advanced financial problems. Mon. and Wed., 8:10 to 10:00 P.M.

## CHEMISTRY

## FIRST SESSION

†11 *General Chemistry* (4)

Harkness

This course is the first half of a full course. The second half, Chemistry 12, must be completed before credit is allowed. Laboratory fee,

† A dagger preceding an odd-numbered course indicates that it is the first half of a full-year course, the second half of which must be completed before credit is allowed.

- \$12. Lecture—Tues. through Fri., 9:10 A.M.; laboratory—Tues. through Fri., 11:10 A.M. to 1:00 P.M.; recitation—Tues. and Thurs., 10:10 A.M.
- 21 *Qualitative Inorganic Analysis* (4) Van Evera, Vincent  
Theoretical and practical study of methods of separating and identifying the more common cations and anions using semi-micro techniques. Prerequisite: Chemistry 12. Laboratory fee, \$12. Lecture—Tues. through Fri., 9:10 A.M.; laboratory—Tues. through Fri., 10:10 A.M. to 1:00 P.M.
- †151 *Organic Chemistry* (4) Sager  
Chemistry of the carbon compounds. Semi-micro and macro techniques are employed in the laboratory. Prerequisite: Chemistry 21. This course is the first half of a full course. The second half, Chemistry 152, must be completed before credit is allowed. Lecture (3), laboratory (1). Laboratory fee, \$6. Lecture—Mon., Wed., and Fri., 9:10 and 11:10 A.M.; laboratory—Tues. and Thurs., 9:10 to 12:00 A.M.
- 295 *Research* (arr.) The Staff  
Research on problems approved by the staff. Open to qualified students with advanced training. Laboratory fee, \$6 a credit hour. Hours and credits to be arranged.
- 299 *Thesis* (3) The Staff  
Hours to be arranged. Laboratory fee, \$15.

## SECOND SESSION

- 12 *General Chemistry* (4) Haight  
Prerequisite: Chemistry 11. Laboratory fee, \$12. Lecture—Tues. through Fri., 9:10 A.M.; laboratory—Tues. through Fri., 11:10 A.M. to 1:00 P.M.; recitation—Tues. and Thurs., 10:10 A.M.
- 22 *Quantitative Inorganic Analysis* (4) Wood  
The principles of gravimetric and volumetric analysis. Prerequisite: Chemistry 21 or the equivalent. Laboratory fee, \$15. Lecture—Tues. through Fri., 9:10 A.M. Laboratory—Tues. through Fri., 10:10 A.M. to 1:00 P.M.
- 152 *Organic Chemistry* (4) Wrenn  
A continuation of Chemistry 151. Prerequisite: Chemistry 151. Lecture (2), laboratory (2). Laboratory fee, \$12. Lecture—Tues. through Fri., 9:10 A.M.; laboratory—Tues. through Fri., 10:10 A.M. to 1:00 P.M.
- 296 *Research* (arr.) The Staff  
Continuation of Chemistry 295. Laboratory fee, \$6 a credit hour. Hours and credits to be arranged.
- 300 *Thesis* (3) The Staff  
Hours to be arranged. Laboratory fee, \$15.

† A dagger preceding an odd-numbered course indicates that it is the first half of a full-year course, the second half of which must be completed before credit is allowed.

## ECONOMICS \*

## FIRST SESSION

- 1 *Introductory Economics* \* (3) Burns  
Survey of the major economic institutions and economic problems in contemporary society. Section A: 9:10 A.M.; section B: 6:10 P.M.
- 109 *Distribution Theory and Welfare Economics* Skinner  
(3)  
Advanced economic theory with emphasis on income distribution and the literature on welfare economics. Prerequisite: Economics 101 or the equivalent. 10:10 A.M.
- 121 *Money and Banking* (3) Skinner  
Theory of money, credit, and banking; commercial banking and the Federal Reserve System; other financial institutions; international aspects of money; current financial problems. 11:10 A.M.
- 181 *International Economics* (3) Schmidt  
Survey of world economics; basic factors; resource controls; international trade; industrial, financial, and monetary processes and policies; relation to internal economic systems. 6:10 P.M.
- 191 *United States Foreign Economic Policy* Schmidt  
*Since 1934* (3)  
The Reciprocal Trade Agreements program; monetary agreements; the economic aspects of lend-lease, the Marshall Plan, and other foreign aid programs; the United States and the international organizations. Mon., Wed., and Thurs., 7:10 to 8:30 P.M.
- 205 *Business Cycle Theory* (3)  
The contributions of the pre-Keynesian writers. Mon. and Wed., 6:10 to 8:00 P.M.
- 213 *Economic Thought in the Twentieth Century* Burns  
(3)  
Continuation of Economics 201-2. The writings of the principal economists since Marshall. Tues. and Thurs., 6:10 to 8:00 P.M.

## SECOND SESSION

- 2 *Introductory Economics* \* (3) Miller, Watson  
Continuation of Economics 1. Section A: 9:10 A.M.; section B: 6:10 P.M.
- 101X *Economic Theory* (3) Watson  
Introduction to formal economic theory; advanced analysis of demand, supply, and price relations. 7:10 P.M.
- 146 *Economic Security and Social Insurance* (3) Miller  
Economic and social problems of unemployment and destitution, analysis of the federal social security program, survey of the Beveridge and other plans. 11:10 A.M.

\* Economics 1-2 is prerequisite to all other courses in Economics.



- 166 *Comparative Systems of Economic Reform* (3) Watson  
Critical analysis of the major theories of economic and social reform, with special attention to their origins and backgrounds. 5:10 P.M.
- 182 *International Economics* (3) Miller  
Continuation of Economics 181. 10:10 A.M.
- 218 *Economic Analysis and Accounting Concepts* (3)  
The use of accounting concepts in the economic analysis of the business enterprise, of the national income, and of international economic relations. Mon. and Wed., 6:10 to 8:00 P.M.

## EDUCATION

## FIRST SESSION

- 109 *Learning and Teaching* (3) Ruffner  
For the general student as well as the prospective teacher. Nature of learning approached through the study of actual classroom situations. Mon. through Thurs., 9:10 A.M.; field work—four hours to be arranged.
- 121 *School and Society* (3) Angel  
For the general student as well as the prospective teacher. The local, national, and international roles of education; cooperation of the school with other community agencies. Mon. through Thurs., 10:10 A.M.; field work—four hours to be arranged.

## SECOND SESSION

- 110 *Learning and Teaching* (3) Hall  
For the general student as well as the prospective teacher. Nature of teaching approached through the study of actual classroom situations. Mon. through Thurs., 9:10 A.M.; field work—four hours to be arranged.
- 122 *School and Society* (3) Hall  
For the general student as well as the prospective teacher. Organization and operation of schools; principles and functions. Mon. through Thurs., 10:10 A.M.; field work—four hours to be arranged.

## PRE-SESSION

June 11 to 29

- 211 *Evaluation in Education* (3) Ruffner  
Concept of evaluation; relationship between evaluation of ends and means; steps in the evaluation of learning, outcomes. Each student develops a solution to an evaluation problem of his choice as the course progresses. 1:10 to 3:00 P.M.; conference hour 3:10 P.M.
- 219 *Recent Developments in Elementary Education* (3) Burnett  
Review of recent literature and research; consideration of the newer practices and trends. 9:10 to 11:00 A.M.; conference hour 11:10 A.M.

- 247 *Vocational Education* (3) Johnson  
Major issues, problems, and trends. Lecture—2 hours; conference hour—1 hour. Morning or afternoon, as arranged.

## SPECIAL SIX-WEEK SESSION

July 2 to August 10

- 115 *Elementary School Classroom Procedures* (3) Barnes  
Determination of children's needs and interests, providing for individual differences, evaluation of classroom practices. 8:00 to 9:00 A.M.; conference hour—Mon. and Wed., 10:20 A.M.
- 125 *Corrective Procedures in Reading* (3) Hilder  
Study of levels, needs, materials, and corrective methods. Demonstrations and observations with clinic cases. 9:10 to 10:10 A.M.; conference hour—Tues. and Thurs., 10:20 A.M.
- 207 *Course of Study Construction* (3) Burnett  
Major factors underlying course of study construction, analysis of procedures, review of typical published courses, application to student's own situation. 2:10 to 3:10 P.M.; conference hour—Tues. and Thurs., 3:20 P.M.
- 217 *Contemporary Problems in Education* (3) Jarman  
Designed to help students formulate a personal philosophy of education. 8:00 to 9:00 A.M.; conference hour—Tues. and Thurs., 9:10 A.M.
- 231 *Secondary School Classroom Procedures* (3) Bish  
Survey of current classroom practices with particular attention to teaching aids, review of recent literature. 9:10 to 10:10 A.M.; conference hour—Mon. and Wed., 10:20 A.M.
- 255 *Secondary Education* (3) Root  
Review of recent literature and practices; particular attention to recent proposals for improving secondary education, including those of the Educational Policies Commission, Harvard Committee, and the Commission on Life Adjustment Education. 11:30 A.M. to 12:30 P.M.; conference hour—Tues. and Thurs., 10:20 A.M.
- 272 *The Teacher and School Supervision* (3) Fox  
Nature, organization, human relationships, and techniques. 10:20 to 11:20 A.M.; conference hour—Tues. and Thurs., 9:10 A.M.
- 280 *Adult Education* (3) Ruffner  
Interest, needs, and capacities of adult learners; techniques employed in motivating and directing learning activities. Tues. and Thurs., 6:40 to 9:00 P.M.; conference hour—Tues. and Thurs., 6:00 P.M.
- 285 *Extra-classroom Activities* (3) Root  
Home-room functions, student self-government, clubs, assemblies, school publications. Mon. and Wed., 6:40 to 9:00 P.M.; conference hour—Mon. and Wed., 6:00 P.M.

- 295 *Educational Research Methods and Procedures* (3) Fox  
Required of all Master's candidates following Plan 2. 1:00 to 2:00 P.M.; conference hour—Mon. and Wed., 2:10 P.M.
- 297 *Reading in Education* (1) The Staff  
To assist those preparing for the comprehensive examination. No credit toward degree requirements. 3:10 P.M.
- Psychology 227 *Seminar: Counseling and Guidance* (3) Dreese  
Recent developments and current problems in vocational, educational, and personal guidance in various types of agencies with particular reference to education. Prerequisite: educational or psychological measurements. 10:20 to 11:20 A.M.
- 299-300 *Thesis* (3-3) The Staff

## POST-SESSION

August 13 to 31

- 209 *Child Growth and Development* (3) Indorf  
Basic factors in human growth and development and their relation to learning and teaching. Related practical experience in studying children with class analyses of procedures and results. 9:10 to 11:00 A.M.; conference hour—11:10 A.M.
- 215 *Education of the Exceptional* (3) Tannhauser  
For classroom teachers. A survey of current problems in the education and guidance of exceptional pupils. Nature and needs of those physically, mentally, or emotionally handicapped; needs of the gifted—discussed by experts in these fields. Resources for help in correction, diagnoses, therapy, education, and guidance. 9:10 to 11:00 A.M.; conference hour—11:10 A.M.
- 256 *Secondary Education* (3) Root  
Current problems in each of the subject-matter fields. 9:10 to 11:00 A.M.; conference hour—11:10 A.M.

## SPECIAL SESSION—ELEMENTARY EDUCATION

June 4 to August 31

For graduates of liberal arts colleges and graduates of secondary school curricula who wish to prepare for elementary school teaching.

- 107 *Introduction to Learning* (3) Indorf  
Child growth and development, nature of learning and teaching, principles of teaching. For liberal arts graduates who have had no equivalent professional training. 9:10 to 11:00 A.M.; conference hour—11:10 A.M.; field work to be arranged—June 4 to June 15.
- 108 *The Elementary School* (2) Burnett  
Purposes, organization, program of studies, and general problems of the elementary school. For liberal arts graduates and graduates of secondary school curricula. 2:10 to 4:00 P.M.; conference hour—4:10 P.M.; field work to be arranged, June 18 to June 29.



# 111-12 Elementary School Curriculum Coleman, ———

(6)

An integrated course dealing with materials and methods; language skills—reading, writing, spelling, speaking, listening; natural and social sciences, arithmetic. May be taken for graduate credit. July 9 to August 3—2:10 to 3:00 P.M.; conference hour—3:10 P.M. August 6 to 31—9:10 to 11:00 A.M.; conference hour—11:10 A.M.; field work to be arranged.

# 133-34 Observation and Practice Teaching Burnett, Coleman

(4)

In elementary schools. Practice-teaching fee, \$8 a credit hour. Hours to be arranged. June 25 to August 3.

## ENGLISH \*

### ENGLISH COMPOSITION

#### FIRST SESSION

#### A English Practice (3) Moore and Staff

Instruction, drill, and exercises in grammar, vocabulary, spelling, and mechanics in general; instruction and exercises in composition and reading. This course is designed to prepare students for English 1. 6:10 P.M.

#### B English for Foreign Students (3) Allee

A course in reading and writing designed to prepare the student for English 1. Special attention is given to spelling, syntax, grammar, idiom, and vocabulary. 7:10 P.M.

#### 1 Freshman English \* (3) Moore and Staff

Review of grammar, exercises in composition, readings. Section A: 9:10 A.M.; section B: 10:10 A.M.; section C: 6:10 P.M.

#### 2x Freshman English (3) Moore and Staff

Continuation of English 1. Section A: 8:10 A.M.; section B: 9:10 A.M.; section C: 7:10 P.M.

#### SECOND SESSION

#### A English Practice (3) Moore and Staff

Instruction, drill, and exercises in grammar, vocabulary, spelling, and mechanics in general; instruction and exercises in composition and reading. This course is designed to prepare students for English 1. 6:10 P.M.

#### 1x Freshman English \* (3) Moore and Staff

Review of grammar, exercises in composition, readings. 6:10 P.M.

\* Students registered in English 1 are tested in the minimum essentials of standard usage, vocabulary, writing skill, and reading speed and comprehension. Those students who show marked superiority may, upon passing of further tests, be exempted from one or both terms of the Freshman English course; those who show deficiencies will be assigned to English A. English 1-2 is prerequisite to all other courses in English.

- 2 *Freshman English*\* (3) Moore and Staff  
Continuation of English 1. Section A: 8:10 A.M.; section B: 10:10 A.M.; section C: 6:10 P.M.
- 10 *The Short Story* (3) Howard  
Some study of the technique of the short story and class criticism of student writing. 7:10 P.M.

## ENGLISH LITERATURE‡

## FIRST SESSION

- 51 *Introduction to English Literature* (3) Linton, Shepard  
A historical survey. From beginnings to 1800. Section A: 9:10 A.M.; section B: 6:10 P.M.
- 121 *Medieval English Literature* (3) Allee  
English literature prior to Chaucer. 6:10 P.M.
- 129 *Elizabethan Nondramatic Literature* (3) Tupper  
Nondramatic literature from 1485 to 1603. 10:10 A.M.
- 161 *Victorian Literature* (3) Shepard  
Prose from 1830 to 1890. 7:10 P.M.
- 165 *The Twentieth Century* (3) Linton  
Poetry and criticism since 1900. 11:10 A.M.

## SECOND SESSION

- 52 *Introduction to English Literature* (3) Day, Herzbrun  
A historical survey. Literature since 1800. Section A: 9:10 A.M.; section B: 6:10 P.M.
- 142 *The Neoclassical Movement* (3) Stone  
The age of Swift and Johnson. 6:10 P.M.
- 152 *The Romantic Movement* (3) Day  
Chief romantic poets. 10:10 A.M.
- 222 *The Age of Chaucer* (3) Stone  
The intellectual background of Chaucer. Mon. and Thurs., 8:10 P.M.

## AMERICAN LITERATURE‡

## FIRST SESSION

- 71 *Introduction to American Literature* (3) Cole  
A historical survey. From the beginnings to 1860. 7:10 P.M.

\* Students registered in English 1 are tested in the minimum essentials of standard usage, vocabulary, writing skill, and reading speed and comprehension. Those students who show marked superiority may, upon passing of further tests, be exempted from one or both terms of the Freshman English course; those who show deficiencies will be assigned to English A.

English 1-2 is prerequisite to all other courses in English.

‡ English 51-52, 71-72, or 91-92 is prerequisite to all second group courses except English 125 and 126.

- 175 *American Drama* (3) Cole  
Historical and critical study of significant plays and forms, from beginnings to 1920. 6:10 P.M.

## SECOND SESSION

- 72 *Introduction to American Literature* (3) Bolwell  
A historical survey. Literature since 1860. 7:10 P.M.
- 176 *American Drama* (3) Bolwell  
Historical and critical study of significant plays and forms, since 1920. 6:10 P.M.

## GEOGRAPHY

## FIRST SESSION

- 51 *Introduction to Geography* (3) Campbell  
A study of the attributes of place; patterns and associations of physical and cultural earth-features; the systematic appraisal of earth-man relationships; characterization of area. 9:10 A.M.
- 127 *Industrial Geography* (3) Withington  
Location and distribution of significant industries, and analysis of the geographic factors determining both; internal structure and external relationships of specific industries. 6:10 P.M.
- 215 *Geographic Factors in American Foreign Policy* (3) Koenig  
Tues. and Thurs., 10:10 to 12:00 A.M.
- 231 *Seminar: Strategic Materials* (3) Withington  
Location and utilization of raw materials essential to modern technology; position of the United States with regard to such materials. Mon. and Wed., 7:10 to 9:00 P.M.
- 232x *Seminar: Conservation* (3) Campbell  
Problems in conservation of natural resources. Tues. and Thurs., 7:10 to 9:00 P.M.
- 299 *Thesis* (3) The Staff

## SECOND SESSION

- 52 *Introduction to Earth Sciences* (3) Bailey  
An introduction to the sciences dealing with the physical earth; the lithosphere, the hydrosphere, and the atmosphere. 9:10 A.M.
- 174 *Map Interpretation* (3) Bailey  
Map elements and map uses; map reading; interpretation and evaluation of maps. Mon. and Wed., 5:45 to 8:00 P.M.
- 300 *Thesis* (3) The Staff



## GERMANIC LANGUAGES AND LITERATURES

## FIRST SESSION

- †1 *First-year German* (3) Legner, Sehrt  
The essentials of German grammar, translation of easy prose. Section A: 9:10 A.M.; section B: 6:10 P.M.
- †3 *Second-year German* (3) Legner, Sehrt  
Selections from modern German prose, review of grammar. Prerequisite: German 1-2 or two years of high school German. Section A: 10:10 A.M.; section B: 7:10 P.M.

## SECOND SESSION

- 2 *First-year German* (3) Rogers  
The essentials of German grammar, translation of easy prose. Section A: 9:10 A.M.; section B: 6:10 P.M.
- 4 *Second-year German* (3) Rogers, \_\_\_\_\_  
Continuation of German 3. Section A: 10:10 A.M.; section B: 7:10 P.M.

## HISTORY \*

## FIRST SESSION

- 39 *The Development of European Civilization to 1648* (3) Kayser  
Primarily for freshmen. The political, social, economic, and cultural history of the Old World from ancient times through the Reformation period. 7:00 A.M.
- 40X *The Development of European Civilization Since 1648* (3) Davison  
A continuation of History 39 from the Reformation Period to the present 9:10 A.M.
- 71 *The Development of the Civilization of the United States* (3) Koenig  
Primarily for sophomores. The political, social, economic, and cultural forces of the United States in their world setting from 1865 to the present. 8:00 A.M.
- 130X *Nationalism* (3) Kayser  
The historical evolution of modern nationalism. 8:00 A.M.
- 150X *European Diplomatic History* (3) Davison  
Background of the European state system and of diplomatic practices and relations since 1871, with emphasis on the policies and actions of the great powers and their statesmen. 10:10 A.M.

† A dagger preceding an odd-numbered course indicates that it is the first half of a full-year course, the second half of which must be completed before credit is allowed.

\* History 39-40 is prerequisite to courses 109 through 152; History 71-73 to courses 161 through 186. History 39 and 40X, and History 71 and 72X will be offered in the fall term.

- 181 *Diplomatic History of the United States* (3) Pogue  
Tendencies toward isolation, expansion, and collectivism; disputes with foreign countries and their settlement; and the activities of the American secretaries of state and diplomatic agents: to the Civil War. 6:10 P.M.
- 182x *Diplomatic History of the United States* (3) Pogue  
A continuation of History 181 from the Civil War to the present. 7:10 P.M.
- 199 *Proseminar: the Literature and Method of History* (3) The Staff  
Limited to majors in history. Hours to be arranged.
- 291 *Seminar* (3) The Staff  
Hours to be arranged.
- 299 *Thesis* (3) The Staff  
For candidates for the Master's degree in history. Hours to be arranged.

## SECOND SESSION

- 72 *The Development of the Civilization of the United States* (3) Haskett  
Primarily for sophomores. The political, social, economic, and cultural forces of the United States in their world setting from 1492 to 1865. 8:00 A.M.
- 161x *Latin American Civilization* (3) Wilgus  
Development of political, economic, social, and institutional affairs of the Ibero-American colonies. 5:10 P.M.
- 162 *Latin American Civilization* (3) Wilgus  
A continuation of History 161x. 6:10 P.M.
- 173x *Representative Americans* (3) Gray  
A biographical approach to national history. Some fifty significant and pivotal personalities in the development of the United States in government, business, education, science, religion, journalism, the arts, and social reform. 10:10 A.M.
- 174 *Economic History of the United States* (3) Gray  
Main trends in the development of American agriculture, industry, and trade since 1607, with emphasis on tendencies and problems since the Civil War. 11:10 A.M.
- 203 *Proseminar: the Literature and Method of History* (3) The Staff  
Hours to be arranged.

292 *Seminar* (3)  
Hours to be arranged.

The Staff

300 *Thesis* (3)  
Hours to be arranged.

The Staff

## LAW

### FIRST SESSION

112X *Contracts* (4)

Mayo

Promissory obligation: offer and acceptance, consideration, statute of frauds, formal instruments, rights of third parties, assignments, joint obligations, conditions, performance, discharge. Morning, hours to be arranged.

123 *Criminal Law* (4)

Cooper

Elements of criminal liability; specific crimes; combinations of persons in crime; criminal procedure. Mon. through Thurs., 5:50 to 7:40 P.M.

129 *Legal Method and Legal System* (4)

Merrifield, Weston

Introduction to study of substantive and procedural law. Examination of basic concepts with training in method and technique of case law, based upon modern records in state and federal cases and individual practice in the use of law books and legal writing. Importance of language in law and legal reasoning, both apart from and in connection with statutory interpretation and as affected by the use of precedents, under the doctrines of stare decisis, law of the case, and res judicata. Background on development of the English and American legal systems; organization of the judiciary and the bar, stressing enforcement of ethical standards. Section A: Mon. and Tues., 9:10 A.M.; Wed., Thurs., and Fri., 9:10 to 11:00 A.M.; section B: Mon. through Thurs., 5:50 to 7:40 P.M.

205 *Civil Procedure* (4)

Burke

Function and composition of pleadings, including their relation to proof. Emphasis is upon reforms, as exemplified by modern code provisions and the Federal Rules of Civil Procedure. Mon., Tues., and Wed., 11:10 A.M. to 1:00 P.M.; Thurs. and Fri., 12:10 P.M.

214X *Constitutional Law* (4)

Collier

Historical introduction; judicial approach and methods; doctrine of the separation of powers; powers of the National Government; the federal system; relation of the state courts and the federal courts. Mon. and Tues., 9:10 A.M.; Wed., Thurs., and Fri., 9:10 to 11:00 A.M.

246X *Negotiable Instruments* (4)

Orentlicher

Bills of exchange, promissory notes and checks, especially under the Negotiable Instruments Law. Mon. through Thurs., 5:50 to 7:40 P.M.



303 *Administrative Law* (4)

Davison

Legislative setting for administrative bodies; judicial control of administrative action, public utilities, taxation, alien laws. Federal Trade Commission, workmen's compensation, etc. Mon. and Tues., 9:10 A.M.; Wed., Thurs., and Fri., 9:10 to 11:00 A.M.

317 *Creditors' Rights* (4)

Cunningham

Remedies of unsecured creditors: judgments, fraudulent conveyances, creditors' agreements, equity and statutory receiverships, and bankruptcy. The general approach is that of law administration. Mon. through Thurs., 5:50 to 7:40 P.M.

333 *Legislation* (4)

Fryer

Justiciable aspects of the legislative process; forms and types of statutes; principles of statutory interpretation, structure, and drafting. Mon., Tues., and Wed., 11:10 A.M. to 1:00 P.M.; Thurs. and Fri., 12:10 P.M.

## SECOND SESSION

137x *Real Property* (4)

Benson

Real property; introduction; estates, seisin, landlord and tenant; future interests at common law and under the statutes of uses and wills; merger, elementary study of remoteness and powers; adverse possession; prescription; natural rights. Morning, hours to be arranged.

141x *Torts* (4)

Griffin, —

Civil liability for harms to legally protected interests. Section A: Mon., Tues., and Wed., 9:10 to 11:00 A.M.; Thurs. and Fri., 9:10 A.M.; section B: Mon. through Thurs., 5:50 to 7:40 P.M.

231x *Equity* (4)

Weaver

Specific performance of contracts; equitable conversion; statute of frauds; mutuality; conditions; defenses; equitable servitudes; powers of an equity court; effect of decrees, interpleader, bills of peace, cloud on title, rescission and reformation, mistake. Mon. through Thurs., 5:50 to 7:40 P.M.

233x *Evidence* (4)

Functions of court and jury; witnesses, hearsay, opinion, and circumstantial evidence; proof of authenticity and contents of writings. Mon., Wed., and Fri., 9:10 to 11:00 A.M.; Tues. and Thurs., 9:10 A.M.

251x *Restitution* (4)

Miller

Quasi-contracts and constructive trusts; unjust enrichment; mistakes of fact and of law; rescission; cancellation, indemnity, and contribution between co-obligors and joint tort-feasors.

311x *Corporations* (4)

Legal requirements as to contributions of capital; powers and rights of corporations, corporate officials, and shareholders. Mon. through Thurs., 5:50 to 7:40 P.M.

**332 Legal Accounting (2)**

Fey

A study of elementary accounting principles and techniques, and an introduction to the interpretation of financial statements. Tues. and Thurs., 11:10 A.M. to 1:00 P.M.

**447x Municipal Corporations (2)**

Fey

Municipal corporations: organization, powers, functions, and legal relations of local governmental units. Mon., 11:10 A.M. to 1:00 P.M.; Wed. and Fri., 12:10 P.M.

**SIXTEEN-WEEK TERM**

June 5 to September 25

**223S Domestic Relations (2)**

Compton

Marriage, annulment, and divorce; rights of husband and wife; rights of parent and child; infants. Fri., 5:50 to 7:40 P.M.

**256S Sales (2)**

Common law, Uniform Sales Act and related statutes. Intention to transfer property interest (specific, unascertained, and future goods); specification and appropriations; cash and conditional sales; C.O.D. F.O.B., and C.I.F. shipments; negotiable bills of lading and warehouse receipts; trust receipts; fraud on seller, retention of possession and bulk sales; remedies of seller and buyer, including suit for price, stoppage in transit, seller's warranties; inspection. Fri., 5:50 to 7:40 P.M.

**337S Future Interests (2)**

Future interests at common law and under the Statute of Uses and modern statutes; powers of appointment; rule against perpetuities; construction of limitations. Fri., 5:50 to 7:40 P.M.

**MATHEMATICS****FIRST SESSION****3 College Algebra (3)**

Mears, \_\_\_\_\_

Prerequisite: one year each of high school algebra and high school geometry. Section A: 9:10 A.M.; section B: 7:10 P.M.

**6x Plane Trigonometry (3)**

Nelson, \_\_\_\_\_

Prerequisite: two years of high school algebra and one year of high school geometry, or Mathematics 3. Section A: 11:10 A.M.; section B: 6:10 P.M.

**12x Analytic Geometry (3)**

Mears, \_\_\_\_\_

Prerequisite: Mathematics 6, or two years of high school algebra, one year of high school geometry, and one-half year of high school trigonometry. Section A: 11:10 A.M.; section B: 7:10 P.M.

**19 Differential Calculus (3)**

Nelson, \_\_\_\_\_

Prerequisite: Mathematics 12. Section A: 9:10 A.M.; section B: 7:10 P.M.

20x *Integral Calculus* (3) Nelson, \_\_\_\_\_  
Prerequisite: Mathematics 19. Section A: 10:10 A.M.; section B: 6:10 P.M.

132x *Differential Equations* (3) \_\_\_\_\_  
Prerequisite: Mathematics 20. 6:10 P.M.

139 *Advanced Calculus* (3) Mears  
Prerequisite: Mathematics 20. 10:10 A.M.

## SECOND SESSION

3x *College Algebra* (3) Taylor, Williams  
Prerequisite: one year each of high school algebra and high school geometry. Section A: 10:10 A.M.; section B: 6:10 P.M.

6 *Plane Trigonometry* (3) Johnston, \_\_\_\_\_  
Prerequisite: two years of high school algebra and one year of high school geometry, or Mathematics 3. Section A: 9:10 A.M.; section B: 7:10 P.M.

12 *Analytic Geometry* (3) Taylor, \_\_\_\_\_  
Prerequisite: Mathematics 6, or two years of high school algebra, one year of high school geometry, and one-half year of high school trigonometry. Section A: 11:10 A.M.; section B: 6:10 P.M.

19x *Differential Calculus* (3) Johnston, \_\_\_\_\_  
Prerequisite: Mathematics 12. Section A: 11:10 A.M.; section B: 7:10 P.M.

20 *Integral Calculus* (3) Taylor, Williams  
Prerequisite: Mathematics 19. Section A: 9:10 A.M.; section B: 7:10 P.M.

123x *Theory of Equations* (3) \_\_\_\_\_  
Prerequisite: Mathematics 20. 6:10 P.M.

132 *Differential Equations* (3) Johnston  
Prerequisite: Mathematics 20. 10:10 A.M.

## PHILOSOPHY

## SECOND SESSION

51x *Introduction to Philosophy* (3) Rose  
A critical introduction to the problems of modern philosophy in relation to scientific and social developments since the Renaissance. Tues. through Thurs., 5:35 to 7:00 P.M.

52 *Introduction to Philosophy* (3) Rose  
Continuation of Philosophy 51. Introduction to issues in the philosophy of science and social philosophy. This course may be taken concurrently with Philosophy 51 by those who wish to complete the year's work during the summer. Tues. through Thurs., 7:10 to 8:35 P.M.



**171x American Philosophy (3)**

Rose

A history of philosophy; ideas in the United States through the third quarter of the nineteenth century. Tues. through Thurs., 11:10 A.M. to 12:35 P.M.

**PHYSICS****FIRST SESSION****7 General Physics (3)**

Meijer and Staff

Elementary electricity and magnetism. Prerequisite: Physics 5\*; high school algebra and plane geometry. Material fee, \$6.

Section	Lecture	Recitation	Laboratory
A	.....TTh 1:10 pm.....	MW 1:10 pm.....	MW 2:10- 4:30 pm
B	.....TTh 6:10 pm.....	MW 6:10 pm.....	MW 8:10-10:30 pm
C	.....TTh 6:10 pm.....	MW 7:10 pm.....	TTh 7:10- 9:30 pm

**128x Sound (3)**

Cheney

Production, propagation, and detection of sound waves; vibrations of sounding bodies; acoustic instruments and acoustic measurements. Prerequisite: Physics 8; Mathematics 20. 6:10 P.M.

**SECOND SESSION****6 General Physics (3)**

Koehl and Staff

Mechanics, wave-motion, sound, and optical instruments. Prerequisite: Physics 5\*; high school algebra and plane geometry. Material fee, \$6.

Section	Lecture	Recitation	Laboratory
A	.....TTh 6:10 pm.....	MW 6:10 pm.....	MW 8:10-10:30 pm
B	.....TTh 6:10 pm.....	MW 7:10 pm.....	TTh 7:10- 9:30 pm

**8 General Physics (3)**

Brown

*Foundations of Modern Physics.*—The experimental evidence concerning light waves and quanta, X-rays, and radiowaves; electron, protons and other elementary particles; atomic and molecular structure; and nuclear physics. Prerequisite: Physics 6 and 7. Lecture—Mon., Wed., and Fri., 6:10 P.M.; recitations—Tues. and Thurs., 6:10 P.M.

**132 Electronics (3)**

Brown and Staff

The phenomena of electron emissions from solids; the physical properties of electron tubes, and the principles underlying their basic applications. Prerequisite: Physics 8 and 55, and Physics 105 or Electrical Engineering 10. Material fee, \$6. Lecture—Mon., Wed., and Fri., 7:10 P.M.; laboratory—Tues. and Thurs., 7:10 to 8:30 P.M.

**POLITICAL SCIENCE ‡****FIRST SESSION****9 Government of the United States ‡ (3)**

West

Section A: 10:10 A.M.; section B: 7:10 P.M.

\* This prerequisite may be waived for students who have credit for a high school physics course which included individual laboratory work, providing they pass the qualifying examination given at the dates specified in the University calendar.

‡ Political Science 9-10 is prerequisite to all other courses in Political Science.

- 111 *Governments of Europe (England, France, and Switzerland) (3)* Kraus  
10:10 A.M.
- 118x *Political Theory (3)* Kraus  
11:10 A.M.
- 181 *International Law (3)* Brewer  
8:10 A.M.
- 182x *International Law (3)* Brewer  
9:10 A.M.
- 220x *Reading Course in Political Theory (3)* Kraus  
Tues. and Thurs., 8:10 to 10:00 P.M.
- 281 *Seminar: International Law and Relations (3)* Brewer  
Mon. and Wed., 8:10 to 10:00 P.M.

## SECOND SESSION

- 10 *Government of the United States\* (3)* Tillema, Esman  
Section A: 10:10 A.M.; section B: 7:10 P.M.
- 127x *Commercial Law: Contracts, Agency, and Bailments (3)* Tillema  
8:10 A.M.
- 128 *Commercial Law: Negotiable Instruments, Property, Sales, and Mortgages (3)* Tillema  
11:10 A.M.
- 171x *International Politics (3)* Ludden  
6:10 P.M.
- 172 *International Organizations: the United Nations (3)* Ludden  
7:10 P.M.
- 226 *Problems of Governmental Reorganization (3)* Torpey  
Tues. and Thurs., 8:10 to 10:00 P.M.
- 272 *Problems in International Politics and Organization (3)* Hadsel  
Mon. and Wed., 8:10 to 10:00 P.M.

\* Political Science 9-10 is prerequisite to all other courses in Political Science.

## PSYCHOLOGY

## FIRST SESSION

- 1 *General Psychology* \* (3) Phillips, Caldwell  
The fundamental principles underlying human behavior. Section A: 9:10 A.M.; section B: Mon., Wed., and Fri., 7:10 to 8:35 P.M.
- 22x *Introduction to Educational Psychology* (3) Faith  
Consideration of individual and group differences, adjustments, and the psychology of learning in relation to education and training. 8:10 A.M.
- 98x *Abnormal Psychology* (3) Phillips  
The causes, diagnosis, treatment, and prevention of the various types of maladjustments and mental disorders. Mon., Wed., and Fri., 11:10 A.M. to 12:35 P.M.
- 121 *Educational Psychology* (3) The Staff  
Open to a limited number of students on individual study plan by special permission. Hours to be arranged.
- 151 *Social Psychology* (3) Tuthill  
The social foundations of attitudes and behavior. Individual adjustment to group situations, such as the family, school, fraternity, and occupation. The psychological bases of race prejudice, nationalism, and war. 10:10 A.M.
- 156x *Psychology of Propaganda and Public Opinion* Tuthill  
(3)  
The formation of individual and group opinions in democracies and dictatorships, the means by which publics are influenced, particularly in social crises. Consideration of morale, rumor, and social leadership. Mon. and Wed., 7:10 to 9:15 P.M.
- 171 *Psychology of Personality* (3) Caldwell  
Contemporary approaches to the study of personality. Prerequisite: 12 credits in psychology, including Abnormal Psychology. Mon., Wed., and Fri., 5:35 to 7:00 P.M.
- 193 *Readings in Psychology* (3) The Staff  
Supervised readings on specific topics in psychology; with conferences; for undergraduate majors. Open only to seniors with 18 or more credits in psychology with a quality point index of 3.00 or higher. Special permission of staff member under whom course is to be taken is necessary. Hours to be arranged.
- 205 *Field Work in Psychology* (3) The Staff  
Supervised field work in agencies providing psychological service. Admission by permission of the Executive Officer of the Department. Hours to be arranged.

\* Psychology 1 is prerequisite to all other courses in Psychology.



- 207 *Readings in Psychology for Graduate Students* (3) The Staff  
Supervised readings with conferences on specified topics in psychology. Hours to be arranged.
- 223 *Seminar: Learning* (3) Tuthill  
Covers theories of learning. Tues. and Thurs., 2:10 to 4:00 P.M.
- 225 *Seminar: Mental Hygiene* (3) Phillips  
A survey of the recent literature in social psychology and anthropology as they relate to the impact of society on the mental hygiene of the individual. Individual mental health problems are viewed in terms of the social context in which they occur and are treated. Tues. and Thurs., 7:10 to 9:00 P.M.
- 229 *Seminar: Occupational and Educational Information* (3) Davis  
Designed to acquaint vocational and educational counselors with the basic occupational and educational information necessary in counseling. Sources of data and techniques of collecting, analyzing, and disseminating for purposes of guidance. Mon. and Wed., 7:10 to 9:00 P.M.
- 272x *Seminar: Theories of Personality* (3) Caldwell  
A survey of the various theories of personality, with emphasis on theoretical problems and methodology in the field of personality study. Mon. and Wed., 2:10 to 4:00 P.M.
- 295 *Research in Psychology* (arr.) The Staff  
Hours and credits to be arranged.
- 299 *Thesis* (3) The Staff

## SPECIAL SIX-WEEK SESSION

- 227 *Seminar: Counseling and Guidance* (3) Dreese  
Recent developments and current problems in vocational, educational, and personal guidance in various types of agencies with particular reference to education. Prerequisite: Educational or psychological Measurements and Psychology 129 or the equivalent. 10:20 to 11:25 A.M.

## SECOND SESSION

- 1x *General Psychology* \* (3) Hunt, Fox  
The fundamental principles underlying human behavior. Section A: 9:10 A.M.; section B: Mon., Wed., and Fri., 5:35 to 7:00 P.M.
- 2 *Applied Psychology* (3) Hunt  
The applications of psychology in business, industry, medicine, law, guidance, education, and social problems. 10:10 A.M.

\* Psychology 1 is prerequisite to all other courses in Psychology.

- 117x *Physiological Psychology* (3) Fox  
Structure, function, and phylogeny of receptors, nervous system, and effectors as mediators of behavior, including drives, learning, and emotions. Mon., Wed., and Fri., 11:10 A.M. to 12:35 P.M.
- 131x *Psychological Tests* (3) Hunt  
A survey of psychological tests and their most common uses in business, industry, government, law, medicine, and education. Material fee, \$2.25. Mon., Wed., and Fri., 5:35 to 7:00 P.M.
- 194 *Readings in Psychology* (3) The Staff  
Supervised readings on specific topics in psychology; with conferences; for undergraduate majors. Open only to seniors with 18 or more credits in psychology with a quality-point index of 3.00 or higher. Special permission of staff member under whom course is to be taken is necessary. Hours to be arranged.
- 204 *Contemporary Developments in Psychology* (3) Fox  
Certain modern developments are treated, e.g., action research, Eysenck's personality investigations, various new theories, P and Q techniques, etc., Mon. and Wed., 7:10 to 9:15 P.M.
- 206 *Field Work in Psychology* (3) The Staff  
Supervised field work in agencies providing psychological service. Admission by permission of the Executive Officer of the Department. Hours to be arranged.
- 208 *Readings in Psychology for Graduate Students* (3) The Staff  
Supervised readings with conferences on specific topics in psychology. Hours to be arranged.
- 246 *Seminar: Personnel Measurement Techniques* (3) Mosél  
Detailed consideration of interviews, personal data analysis, tests, ratings and questionnaires in evaluating employability, job proficiency, and worker morale. Tues. and Thurs., 7:10 to 9:15 P.M.
- 296 *Research in Psychology* (arr.) The Staff  
Hours and credits to be arranged.
- 300 *Thesis* (3) The Staff

## RELIGION

## FIRST SESSION

- 60x *History of Religions* (3) Folkemer  
Judaism, Christianity, and Islam; analysis of early development, thought, life, institutions, and expansion. Recent issues and trends examined. 11:10 A.M.

- 172x *Religion in American Life* (3) Folkemer  
 Growth of religious bodies and institutions in American culture; the heritage of religious freedom and diversity, religion and literature, revivalism and education, science and religious thought, divisions and cooperative movements in religion. 6:10 P.M.

## ROMANCE LANGUAGES AND LITERATURES \*

## FRENCH •

## FIRST SESSION

- †1 *First-year French* (3) The Staff  
 Grammar, composition, translation, pronunciation. Section A: 9:10 A.M.; section B: 6:10 P.M.
- 2x *First-year French* (3) The Staff  
 Continuation of French 1. 7:10 P.M.
- †3 *Second-year French* (3) The Staff  
 Reading of modern French, grammar review, oral practice. Prerequisite: French 1-2 or two years of high school French. Section A: 8:10 A.M.; section B: 7:10 P.M.
- 4x *Second-year French* (3) The Staff  
 Continuation of French 3. 7:10 P.M.
- 109 *French Conversation and Composition* (3) The Staff  
 Section A: 8:10 A.M.; section B: 6:10 P.M.

## SECOND SESSION

- 2 *First-year French* (3) The Staff  
 Continuation of French 1. Section A: 9:10 A.M.; section B: 6:10 P.M.
- †3x *Second-year French* (3) The Staff  
 Reading of modern French, grammar review, oral practice. Prerequisite: French 1-2 or two years of high school French. 7:10 P.M.
- 4 *Second-year French* (3) The Staff  
 Continuation of French 3. Section A: 8:10 A.M.; section B: 7:10 P.M.
- 110 *French Conversation and Composition* (3) The Staff  
 Section A: 8:10 A.M.; section B: 6:10 P.M.

## SPANISH •

## FIRST SESSION

- †1 *First-year Spanish* (3) The Staff  
 Grammar, composition, translation, pronunciation. Section A: 9:10 A.M.; section B: 6:10 P.M.

\* A standardized placement examination is required of all entering students who wish to continue in college the language begun in high school. Upon completion of the examination assignment is made to the appropriate course, with credit to be assigned on the usual basis.

† A dagger preceding an odd-numbered course indicates that it is the first half of a full-year course, the second half of which must be completed before credit is allowed.



- 2x *First-year Spanish* (3) The Staff  
Continuation of Spanish 1. 7:10 P.M.
- †3 *Second-year Spanish* (3) The Staff  
Reading of modern Spanish, grammar review, oral practice. Prerequisite: Spanish 1-2 or two years of high school Spanish. Section A: 10:10 A.M.; section B: 6:10 P.M.
- 4x *Second-year Spanish* (3) The Staff  
Continuation of Spanish 3. 6:10 P.M.
- 109 *Spanish Conversation and Composition* (3) The Staff  
Section A: 8:10 A.M.; section B: 7:10 P.M.

## SECOND SESSION

- 2 *First-year Spanish* (3) The Staff  
Continuation of Spanish 1. Section A: 9:10 A.M.; section B: 6:10 P.M.
- †3x *Second-year Spanish* (3) The Staff  
Reading of modern Spanish, grammar review, oral practice. Prerequisite: Spanish 1-2 or two years of high school Spanish. 7:10 P.M.
- 4 *Second-year Spanish* (3) The Staff  
Continuation of Spanish 3. Section A: 10:10 A.M.; section B: 6:10 P.M.
- 110 *Spanish Conversation and Composition* (3) The Staff  
Section A: 8:10 A.M.; section B: 7:10 P.M.

## SOCIOLOGY •

## FIRST SESSION

- 1 *Introductory Sociology* • (3) Lavell  
The origin and development of culture, man's social nature, types of groups and social institutions, social processes, social change, and social control. Section A: 9:10 A.M.; section B: 7:10 P.M.
- 133 *The Family* (3) Geisert  
A study of the primitive and modern family, changing functions and roles of the family and its members, factors promoting disorganization, family crises, family reorganization. 6:10 P.M.
- 141 *Population Problems* (3) Geisert  
The composition of population, theories of population growth, quantitative and qualitative differences in population groups, trends in population growth, population policies. 10:10 A.M.

• Sociology 1 is prerequisite to all other courses in Sociology.

† A dagger preceding an odd-numbered course indicates that it is the first half of a full-year course, the second half of which must be completed before credit is allowed.

## SECOND SESSION

2 *Introductory Sociology* (3)

Yeager

The factors producing social change and social disorganization, an analysis of the problems arising from the disorganization of the individual and the family. Section A: 9:10 A.M.; section B: 7:10 P.M.

132 *Marriage* (3)

Yeager

The reasons for marriage, marriage laws, mate selection, courtship, husband-wife relations, factors in marital adjustment, marriage prediction and counseling. 6:10 P.M.

## SPEECH

## FIRST SESSION

A *Speech Clinic*

Crawford and Staff

Individual or group lessons, without academic credit, for such speech difficulties as lisping, cleft palate, articulatory problems, and stuttering. Fee: for individual lesson, \$5; for group lesson, \$3. Time to be arranged.

B *American Speech for Foreign Students*

The Staff

Individual or group instruction without academic credit in the formation of the sounds of spoken English, with emphasis on rhythm and inflection. The International Phonetic Alphabet is used. Fee: for individual lesson, \$5; for group lesson, \$3. Time to be arranged.

1 *Effective Speaking* (3)

The Staff

Preparation and delivery of extempore speeches; developing confidence and poise, body and voice control; selecting and organizing material. Recording fee, \$2. Section A: 9:10 A.M.; section B: 10:10 A.M.; section C: 6:10 P.M.

2x *Speech Making* (3)

Henigan

Special emphasis is placed on organization of material and elementary principles of persuasion. This course is a continuation of Speech 1, which is prerequisite. Recording fee: \$2. 9:10 A.M.

11 *Training the Speaking Voice* (3)

The Staff

Developing ease, naturalness, and clarity in the speaking voice. Analysis of individual voices through recordings. Phonetic approach to the study of the sounds of English and the standards of speech. Recording fee: \$2. Section A: 1:10 P.M.; section B: 7:10 P.M.

32x *Oral Reading* (3)

Henigan

Reading to others: theory and practice of interpreting the printed page. Prerequisite: Speech 11. Recording fee: \$2. 11:10 A.M.

## SECOND SESSION

A *Speech Clinic*

Bielski and Staff

Individual or group lessons, without academic credit, for such speech difficulties as lisping, cleft palate, articulatory problems, and stuttering. Fee: for individual lesson, \$5; for group lesson, \$3. Time to be arranged.

- B American Speech for Foreign Students** The Staff  
Individual or group instruction without academic credit in the formation of the sounds of spoken English, with emphasis on rhythm and inflection. The International Phonetic Alphabet is used. Fee: for individual lesson, \$5; for group lesson, \$3. Time to be arranged.
- IX Effective Speaking (3)** The Staff  
Preparation and delivery of extempore speeches; developing confidence and poise; body and voice control; selecting and organizing material. Recording fee: \$2. Section A: 9:10 A.M.; section B: 10:10 A.M.; section C: 7:10 P.M.
- 2 Speech Making (3)** Krebs  
Special emphasis on organization of material and elementary principles of persuasion. This course is a continuation of Speech 1, which is prerequisite. Recording fee: \$2. 9:10 A.M.
- 11X Training the Speaking Voice (3)** The Staff  
Developing ease, naturalness, and clarity in the speaking voice. Analysis of individual voices through recordings. Phonetic approach to the study of the sounds of English and the standards of speech. Recording fee: \$2. Section A: 11:10 A.M.; section B: 6:10 P.M.
- 32 Oral Reading (3)** Stevens  
Reading to others: theory and practice of interpreting the printed page. Prerequisite: Speech 11. Recording fee: \$2. 10:10 A.M.

## STATISTICS

### FIRST SESSION

- 51 Elementary Statistics (3)** Marks  
Collection of data, classification and tabulation, averages, construction and use of index numbers and quotients, dispersion, analysis of frequency distribution, time series, correlation, and graphic presentation. Prerequisite: one entrance unit in algebra. Laboratory fee, \$5. Lecture—10:10 A.M.; laboratory—Mon. and Wed., 2:00 to 3:30 P.M.
- 52X Mathematics of Finance (3)** Johnson  
Interest and discount, annuities, valuation of stocks and bonds, sinking funds, amortization, valuation of depletable assets, depreciation, building and loan associations. Prerequisite: one entrance unit in Algebra. 7:10 P.M.
- 53 Introduction to Statistics in Psychology and Education (3)** Marks  
Sources of data, tabulation, charts and graphs, averages, dispersion, quartiles and percentiles, raw scores and derived scores, profiles, norms and their use, frequency distributions, intelligence and other quotients, reliability and validity of tests, normal curve, correlation, elementary sampling, statistical error, limitations of statistics. Prerequisite: one entrance unit in algebra. Laboratory fee, \$5. Lecture—6:10 P.M.; laboratory—Mon. and Wed., 8:00 to 9:30 P.M.



### †115 *Principles of Statistical Methods* (3) Marks

This course emphasizes the meaning, uses, and applications of variates and attributes, measurement and enumeration, averages and dispersion, frequency distributions and their characteristics, errors of measurement and their control, index numbers, trends, cyclical relatives, purposive and random sampling in theory and practice with applications. Prerequisite: one entrance unit in algebra. Laboratory fee, \$5. This is the first half of a 6 credit course. Except by special arrangement with the instructor, the second half, Statistics 116, must be completed before credit is allowed. Lecture—7:10 P.M.; laboratory—Tues. and Thurs., 8:00 to 9:30 P.M.

### 117 *Analysis of Variance* (3) Johnson

The analysis of variance and covariance to segregate factors producing significant variation, a method to estimate experimental error, multiple classification with unequal class frequencies. Prerequisite: Statistics 115-16. 6:10 P.M.

## SECOND SESSION

### 51X *Elementary Statistics* (3)

Collection of data, classification and tabulation, averages, construction and use of index numbers and quotients, dispersion, analysis of frequency distribution, time series, correlation and graphic presentation. Prerequisite: one entrance unit in Algebra. Laboratory fee, \$5. Lecture—7:10 P.M.; laboratory—Mon. and Wed., 8:00 to 9:30 P.M.

### 52 *Mathematics of Finance* (3) Weida

Interest and discount, annuities, valuation of stocks and bonds, sinking funds, amortization, valuation of depletable assets, depreciation, building and loan associations. Prerequisite: one entrance unit in algebra. 10:10 A.M.

### 116 *Principles of Statistical Methods* (3) Weida

Continuation of Statistics 115. Prerequisite: Statistics 115. Laboratory fee, \$5. Lecture—7:10 P.M.; laboratory—Tues. and Thurs., 8:00 to 9:30 P.M.

### 118 *Correlation and the Chi Square Test* (3) Weida

Advanced study of simple, partial, and multiple correlation. Rank correlation, the method of contingency, and the problem of normal and non-normal populations. Tests of independence, likeness, and goodness of fit. Prerequisite: Statistics 115-16. 6:10 P.M.

## ZOOLOGY \*

### FIRST SESSION

### 1 *Introduction to Zoology* (4) Mortensen

An introduction to the study of the structure, functions, and relations of animals, and of the fundamental biological principles involved. Material fee, \$4.50. Lecture—Mon. through Thurs., 6:10 P.M.; laboratory—Mon. through Thurs., 7:10 to 9:00 P.M.

\* See also the departments of Biology and Botany.

- 41 *Comparative Vertebrate Anatomy* (3) Hansen  
Lectures on the organ systems of the vertebrates; laboratory dissection of an amphibian, reptile, and bird. Prerequisite: Zoology 2 or its equivalent. Material fee, \$6. Lecture—Mon. and Wed., 2:10 P.M.; laboratory—Mon. and Wed., 3:10 to 5:00 P.M., and Tues. and Thurs., 2:10 to 4:00 P.M.
- 144x *Introduction to Vertebrate Embryology* (3) Hansen  
The origin and early development of the individual and the formation of organ systems. Emphasis is placed on the frog, chick, and pig, with reference to the human embryo. Prerequisite: Zoology 2 and 41 or 42 or its equivalent. Material fee, \$6. Lecture—Mon. and Wed., 6:10 P.M.; laboratory—Mon. through Thurs., 7:10 to 9:00 P.M.
- 295 *Research* (3) The Staff  
Investigation of special problems. Hours to be arranged.
- 299 *Thesis* (3) The Staff

## SECOND SESSION

- 2 *Introduction to Zoology* (4) Young, Lambert  
Continuation of Zoology 1. Material fee, \$4.50. Lecture—Mon. through Thurs., 6:10 P.M.; laboratory—Mon. through Thurs., 7:10 to 9:00 P.M.
- 137x *Histology* (3) Young  
An introduction to the microscopical anatomy of normal tissues and organs. Prerequisite: Zoology 2. Material fee, \$6. Lecture—Mon. and Wed., 7:10 P.M.; laboratory—Mon. and Wed., 8:10 to 10:00 P.M., and Tues. and Thurs., 7:10 to 9:00 P.M.
- 296 *Research* (3) The Staff  
Investigation of special problems. Hours to be arranged.
- 300 *Thesis* (3) The Staff

## SCHEDULE OF CLASSES



**HOURLY SCHEDULE OF CLASSES\***  
**FIRST SESSION 4—JUNE 5 to JULY 30**

**MORNING CLASSES**

7:10	8:10	9:10	10:10	11:10
Hist 39 (at 7)	Acct 1A Eng 2xA (comp) Fr 3A Fr 109A Hist 71 (at 8) Hist 130x (at 8) Pol Sc 181 Psych 22x Span 109A	Acct 137 Art 177A (9-12) Biol 1 lect (TTh) Biol 1 field (WF to 12) Bot 105 lect (S) Bus Adm 198x Chem 11 lect (TWThF) Chem 21 lect (TWThF) Chem 151 lect (MWF) Chem 151 lab (TTh to 12) Econ 1A Ed 109 (MTWTh) Eng 1A (comp) Eng 2xB (comp) Eng 51A (Eng lit) Fr 1A Geog 51 Ger 1A Hist 40x Math 3A Math 19A Pol Sc 182x	Acct 147 Biol 1 lab (TTh to 12) Bot 105 trip (S to 1) Bus Adm 141 Chem 11 rec (TTh) Chem 21 lab (TWThF to 1) Econ 109 Ed 121 (MTWTh) Eng 1B (comp) Eng 129 (Eng lit) Geog 215 (TTh to 12) Ger 3A Hist 150x Math 2xA Math 139 Pol Sc 9A Pol Sc 111 Psych 151 Soc 141 Span 3A Speech 1B	Bot 1 lect (TWThF) Chem 11 lab (TWThF to 1) Chem 151 lect (MWF) Econ 121 Eng 105 (Eng lit) Math 6xA Math 12xA Pol Sc 118x Psych 98x (MWF to 12:35) Relig 60x Speech 52x

\* Seminars and research courses for which hours are to be arranged, courses in the Law School and in the special sessions of the School of Education will be found under departmental announcements.

† Classes meet Monday through Friday unless otherwise indicated.

FIRST SESSION—MORNING CLASSES (Continued)

7:10	8:10	9:10	10:10	11:10
		Psych 1A Soc 1A Span 1A Speech 1A Speech 2x	Stat 51 lect	

## FIRST SESSION—AFTERNOON CLASSES

12:10	1:10	2:10	3:10
Bot 1 lab (TWTuF to 1)	Art 177B (1-4) Phys 7A lect (TTh) Phys 7A rec (MW) Speech 11A	Bot 105 lab (S to 4) Phys 7A lab (MW to 4:30) Psych 223 (TTh to 4) Psych 272x (MW to 4) Stat 51 lab (MW 2-3:30) Zoo 41 lect (MW) Zoo 41 lab (TTh to 4)	Zoo 41 lab (MW to 5)

## FIRST SESSION—EVENING CLASSES

5:10	6:10	7:10	8:10
Art 177C (5:30-8:30) Psych 171 (MWF 5:35-7)	Acct 1B Acct 151 Acct 281 (MW to 8:30) Biol 115 lect (MW) Biol 115 lab (TTh to 9) Bot 105 lect (M) Bus Adm 143 Econ 1B Econ 181 Econ 205 (MW to 8) Econ 213 (TTh to 8) Eng A (comp) Eng 1C (comp) Eng 51B (Eng lit) Eng 121 (Eng lit)	Acct 153 Biol 115 rec (MW) Bot 105 lab (M to 9) Bus Adm 147 Bus Adm 195 Econ 191 (MWTh to 8:30) Eng B (comp) Eng 2xC (comp) Eng 71 (Amer lit) Eng 161 (Eng lit) Fr 2x Fr 3B Fr 4x Geog 231 (MW to 9) Geog 232x (TTh to 9)	Bus Adm 286x (TTh to 10) Bus Adm 291 (MW to 10) Phys 7B lab (MW to 10:30) Pol Sc 220x (TTh to 10) Pol Sc 281 (MW to 10) Stat 53 lab (MW 8-9:30) Stat 115 lab (TTh 8-9:30)



## EVENING CLASSES (Continued)

5:10	6:10	7:10	8:10
Eng 175 (Amer lit) Fr 1B Fr 109B Geog 127 Ger 1B Hist 181 Math 6xB Math 20xB Math 132x Phys 7B lect (TTh) Phys 7B rec (MW) Phys 7C lect (TTh) Phys 128x Relig 172x Soc 133 Span 1B Span 3B Span 4x Speech 1C Stat 53 lect Stat 117 Zoo 1 lect (MTWTh) Zoo 144x lect (MW)	Ger 3B Hist 182x Math 3B Math 12xB Math 19B Phys 7C rec (MW) Phys 7C lab (TTh to 9:30) Pol Sc 9B Psych 1B (MWF to 8:35) Psych 156x (MW to 9:15) Psych 225 (TTh to 9) Psych 229 (MW to 9) Soc 1B Span 2x Span 109B Speech 11B Stat 52x Stat 115 lect Zoo 1 lab (MTWTh to 9) Zoo 144x lab (MTWTh to 9)		

## SECOND SESSION •—AUGUST 1 to SEPTEMBER 21

## MORNING CLASSES

8:10	9:10	10:10	11:10
Acct 2A Eng 2A (comp) Fr 4A Fr 110A Hist 72 (at 8) Pol Sc 127x Span 110A	Acct 161x Biol 2 lect (TTh) Biol 2 field (WF to 12) Chem 12 lect (TWThF) Chem 22 lect (TWThF) Chem 152 lect (TWThF) Econ 2A Ed 110 (MTWTh) Eng 52A (Eng lit) Fr 2A Geog 52 Ger 2A Math 6A Math 20A Psych 1xA Soc 2A Span 2A Speech 1xA Speech 2	Biol 2 lab (TTh to 12) Bus Adm 101x Chem 12 rec (TTh) Chem 22 lab (TWThF to 1) Chem 152 lab (TWThF to 1) Econ 182 Ed 122 (MTWTh) Eng 2B (comp) Eng 152 (Eng lit) Ger 4A Hist 173x Math 3xA Math 132 Pol Sc 10A Psych 2 Span 4A Speech 1xB Speech 32 Stat 52	Bot 2 lect (TWThF) (Bot 2 lab—TWThF 12:10-1 pm) Bus Adm 121x Chem 12 lab (TWThF to 1) Econ 146 Hist 174 Math 12A Math 19xA Phil 171x (TWTh to 12:35) Pol Sc 128 Psych 117x (MWF to 12:35) Speech 11xA

• Classes meet Monday through Friday unless otherwise indicated.

5:10	6:10	7:10	8:10
Econ 166 Geog 174 (MW 5:45-8) Hist 161x Phil 51x (TWTh 5:35-7) Psych 12B (MWF 5:35-7) Psych 131x (MWF 5:35-7)	Act 2B Act 152 Bot 118 lect (MTWTh to 8) Bus Adm 105x Econ 2B Econ 218 (MW to 8) Eng A (comp) Eng 1x (comp) Eng 2C (comp) Eng 52B (Eng lit) Eng 142 (Eng lit) Eng 176 (Amer lit) Fr 2B Fr 110B Ger 2B Hist 162 Math 1x B Math 12B Math 123x Phys 6A lect (TTh) Phys 6A rec (MW) Phys 6B lect (TTh) Phys 8 lect (MWF) Phys 8 rec (TTh) Pol Sc 171x Soc 132	Act 148 Bus Adm 102 Bus Adm 131x Econ 101x Eng 10 (comp) Eng 72 (Amer lit) Fr 3x Fr 4B Ger 4B Math 6B Math 10xB Math 20B Phil 52 (TWTh to 8:35) Phys 6B rec (MW) Phys 6B lab (TTh to 9:30) Phys 132 lect (MWF) Phys 132 lab (TTh to 8:30) Pol Sc 10B Pol Sc 172 Psych 204 (MW to 9:15) Psych 246 (TTh to 9:15) Soc 2B Span 3x Span 110B Speech 1xC Stat 51x lect	Bus Adm 232 (MW to 10) Eng 222 (Eng lit) (to 10) Phys 6A lab (MW to 10:30) Pol Sc 226 (TTh to 10) Pol Sc 272 (MW to 10) Stat 51x lab (MW 8-9:30) Stat 116 lab (TTh 8-9:30) Zoo 137x lab (MW to 10)



## SECOND SESSION—EVENING CLASSES (Continued)

5:10	6:10	7:10	8:10
	Span 2B Span 4B Speech 112B Stat 118 Zoo 2 lect (MTWTh)	Stat 116 lect Zoo 2 lab (MTWTh to 9) Zoo 137x lect (MW) Zoo 137x lab (TTh to 9)	

THE CATALOGUE ISSUE

1951-52





THE  
GEORGE  
WASHINGTON  
UNIVERSITY  
BULLETIN

---

VOL. L

No. 6

---

THE CATALOGUE ISSUE

---

WASHINGTON, D. C.

PUBLISHED IN JULY  
MCMLI

BY THE UNIVERSITY



## CONTENTS

	Page
THE UNIVERSITY CALENDAR.....	vii
OFFICERS AND COMMITTEES OF THE UNIVERSITY.....	xiii
The Board of Trustees.....	xv
Standing Committees of the Board of Trustees.....	xvii
Officers of Administration.....	xix
The Academic Council.....	xxi
Standing Committees of the Faculty.....	xxiii
Emeritus Faculty.....	xxv
Faculty and Staff of Instruction.....	xxvii
Administrative Assistants.....	lxiv
THE UNIVERSITY.....	I
History and Organization.....	3
Educational Facilities.....	7
Admission.....	11
Registration.....	20
Fees and Financial Regulations.....	21
Fellowships, Scholarships, Prizes, Financial Aid.....	24
Regulations.....	36
Veterans Education.....	43
THE COLLEGES, SCHOOLS, AND DIVISIONS.....	45
The Junior College.....	47
Columbian College (the senior college).....	63
The Graduate Council.....	81
The School of Medicine.....	90
The Law School.....	101
The School of Engineering.....	112
The School of Pharmacy.....	122
The School of Education.....	130
The School of Government.....	140
The Division of University Students.....	162
The Division of Special Students.....	163
The College of General Studies.....	165
The Summer Sessions.....	168
COURSES OF INSTRUCTION.....	169
Accounting.....	173
Anatomy.....	176
Anesthesiology.....	178
Art.....	179
Bacteriology, Hygiene, and Preventive Medicine.....	181
Biochemistry.....	184
Biology.....	186
Botany.....	188



	Page
Business Administration .....	191
Chemistry .....	196
Civil Engineering .....	201
Classical Languages and Literatures.....	204
Dermatology and Syphilology.....	205
Economics .....	206
Education .....	213
Electrical Engineering .....	220
English .....	223
Geography .....	230
Geology .....	234
Germanic Languages and Literatures.....	235
Health Administration .....	237
History .....	238
Home Economics .....	244
Journalism .....	247
Law .....	249
Mathematics .....	257
Mechanical Engineering .....	260
Medicine .....	263
Military Science and Tactics.....	268
Neurology and Neurological Surgery.....	269
Obstetrics and Gynecology.....	270
Ophthalmology .....	273
Oto-rhino-laryngology .....	274
Pathology .....	275
Pediatrics .....	276
Pharmacology .....	278
Pharmacy .....	280
Philosophy .....	285
Physical Education for Men.....	287
Physical Education for Women.....	292
Physical Medicine .....	297
Physics .....	298
Physiology .....	303
Political Science .....	305
Psychiatry .....	310
Psychology .....	312
Radiology .....	319
Religion .....	320
Romance Languages and Literatures.....	322
Secretarial Studies .....	328
Sociology .....	330
Speech .....	333
Statistics .....	338
Surgery .....	343
Urology .....	346
Zoology .....	347
STUDENT LIFE .....	351
INDEX .....	361

THE UNIVERSITY CALENDAR



# THE UNIVERSITY CALENDAR \*

1951-52

Date	Day	Occasion
1951		
FALL TERM:		
Sept. 25 .....	Tuesday .....	Meeting of the University Faculty Examinations for students who wish to qualify for advanced courses or waive curriculum re- quirements
Sept. 26-28 ...	Wednesday through Friday .....	Registration
Oct. 1 .....	Monday .....	Academic year begins
Oct. 11 .....	Thursday .....	Stated meeting of the Board of Trustees
Oct. 12 .....	Friday .....	Last day on which candidates may file thesis subjects for the Master's degrees conferred in February
Oct. 19 .....	Friday .....	Last day on which candidates may file dissertation subjects for the degrees of Doctor of Philosophy, and Doctor of Education to be conferred the following May
Nov. 12 .....	Monday .....	Fall Convocation. Holiday
Nov. 22-24 ....	Thursday through Saturday .....	Thanksgiving recess
Dec. 4 .....	Tuesday .....	Meeting of the Academic Council
Dec. 8 .....	Saturday .....	Foreign-language examinations for candidates for the Master's de- grees
Dec. 13 .....	Thursday .....	Stated meeting of the Board of Trustees
Dec. 22-Jan. 2.	Saturday through Wednesday .....	Christmas recess
1952		
Jan. 3 .....	Thursday .....	Classes resume
Jan. 4 .....	Friday .....	Last day for receiving disserta- tions of candidates for the de- grees of Doctor of Philosophy, Doctor of Juridical Science, and Doctor of Education to be conferred in February

\* In the School of Medicine, registration is conducted September 13 and 14, classes begin September 17.



## THE UNIVERSITY CALENDAR—Continued

Date	Day	Occasion
Jan. 7 .....	Monday .....	Last day for receiving theses of candidates for the Master's degrees and for the professional degrees in Engineering to be conferred in February.
Jan. 19 .....	Saturday .....	Last day of classes for the fall term
Jan. 21-29 ....	Monday through Tuesday .....	Fall term examination period
SPRING TERM:		
Jan. 30 .....	Wednesday .....	Examinations for students who wish to qualify for advanced courses or waive curriculum requirements
Jan. 31 and Feb. 1 .....	Thursday and Friday..	Registration
Feb. 4 .....	Monday .....	Classes resume for the spring term
Feb. 14 .....	Thursday .....	Stated meeting of the Board of Trustees
Feb. 15 .....	Friday .....	Last day on which candidates may file thesis subjects for the Master's degrees to be conferred in May
Feb. 22 .....	Friday .....	Winter Convocation. Holiday
March 1 .....	Saturday .....	Applications for fellowships for 1952-53 should be filed.
March 13 ....	Thursday .....	Stated meeting of the Board of Trustees
March 31 .....	Monday .....	Meeting of the University Faculty
April 1 .....	Tuesday .....	Applications for scholarships for 1952-53 should be filed
April 5 .....	Saturday .....	Foreign-language examinations for candidates for the Master's degrees
April 11 and 12	Friday and Saturday..	Easter recess
April 14 .....	Monday .....	Last day for receiving dissertations of candidates for the degrees of Doctor of Philosophy and Doctor of Education to be conferred in May
		Last day on which candidates may file dissertation subjects for the degrees of Doctor of Philosophy and Doctor of Education to be conferred the following February
April 29 .....	Tuesday .....	Meeting of the Academic Council

## THE UNIVERSITY CALENDAR—Continued

Date	Day	Occasion
May 2 .....	Friday .....	Last day for receiving theses of candidates for the Master's degrees and for the professional degrees in Engineering to be conferred in May
May 13 .....	Tuesday .....	Last day of classes for the spring term
May 14-22 ....	Wednesday through Thursday .....	Spring term examination period
May 15 .....	Thursday .....	Annual meeting of the Board of Trustees
May 25 .....	Sunday .....	Baccalaureate Sermon
May 28 .....	Wednesday .....	Commencement
<b>SUMMER TERM: *</b>		
June 2 .....	Monday .....	Registration for the first session of the summer term
June 3 .....	Tuesday .....	Classes begin
July 4 .....	Friday .....	Independence Day. Holiday
July 28 .....	Monday .....	First summer session ends
July 29 .....	Tuesday .....	Registration for the second session of the summer term
July 30 .....	Wednesday .....	Classes begin
Aug. 23 .....	Saturday .....	Foreign-language examinations for candidates for the Master's degrees
Sept. 1 .....	Monday .....	Labor Day. Holiday
Sept. 12 .....	Friday .....	Last day for receiving dissertations of candidates for the degrees of Doctor of Philosophy and Doctor of Education to be conferred in November
Sept. 19 .....	Friday .....	Second summer session ends
		Last day for receiving theses for the Master's degrees and for the professional degrees in Engineering to be conferred in November
Sept. 24-26 ....	Wednesday through Friday .....	Registration for the fall term of the academic year 1952-53

\* The calendar for the Law School is as follows: first session, June 2-July 20; Second Session, July 30-September 23.

The calendar for the special sessions of the School of Education is as follows: Pre-session, June 6-27; Six-Week Session, June 30-August 8; Postsession, August 11-29. Registration for each of these sessions is on the first day of classes.



OFFICERS AND COMMITTEES  
OF THE UNIVERSITY





## THE BOARD OF TRUSTEES

The Board of Trustees of the University is composed of the President of the University ex officio and the following persons by election:

1951

Mrs. Wilbur John Carr; 2300 Wyoming Avenue  
Newell Windom Ellison, A.B., LL.B.; 701 Union Trust Building  
Gilbert Grosvenor, A.M., LL.D., Litt.D.; National Geographic Society  
\*Brooks Hays, A.B., LL.B., LL.D.; The House Office Building  
Alfred Henry Lawson, LL.B.; Washington Loan and Trust Company  
John Keown McKee; 3010 Forty-fifth Street  
Benjamin Mosby McKelway, The Evening Star Building  
\*Claude Worthington Owen, LL.M.; 2321 Fourth Street Northeast  
Lloyd Bennett Wilson; 2100 Connecticut Avenue

1952

John St. Clair Brookes, Jr., A.M., LL.B.; Colorado Building  
Homer Cummings, Ph.B., LL.B., LL.D., L.H.D.; 1625 K Street  
\*Watson Davis, B.S. in C.E., C.E.; 1719 N Street  
Robert Vedder Fleming, LL.D.; Riggs National Bank  
Charles Carroll Glover, Jr., A.M., LL.B.; Riggs National Bank  
Robert Houghwout Jackson, LL.B., LL.D.; United States Supreme Court  
James Edwin Webb, A.B.; United States Department of State  
Alexander Wetmore, Ph.D., Sc.D.; Smithsonian Institution  
\*Charles Stanley White, M.D., Sc.D.; 1801 I Street

1953

Clarence Aiken Aspinwall; 1140 Fifteenth Street  
Lyman James Briggs, Ph.D., Sc.D., D.Eng., LL.D.; National Bureau of Standards  
Henry Parsons Erwin, A.B.; Hibbs Building  
Mrs. Joshua Evans, Jr., A.B., Ed.D.; 3405 Lowell Street  
\*Robert Elliott Freer, A.B., LL.M.; 712 Jackson Place  
Ulysses S. Grant, 3d, B.S., Graduate United States Engineers School; 1900 Q Street  
John Edgar Hoover, LL.M., LL.D.; United States Department of Justice

\* Nominated by the alumni.

Frank Atherton Howard, B.S. in M.E., LL.B.; 30 Rockefeller Plaza,  
New York City

\*Miss Helen Newman; LL.M.; Library, United States Supreme Court  
Walter Rupert Tuckerman, A.B., LL.B.; 5415 Edgemoor Lane,  
Bethesda, Maryland

---

*Chairman of the Board of Trustees*

Robert Vedder Fleming

*Secretary of the Board of Trustees*

Henry Parsons Erwin

*Assistant Secretary of the Board of Trustees*

Newell Windom Ellison

---

\* Nominated by the alumni.

## STANDING COMMITTEES OF THE BOARD OF TRUSTEES

The Chairman of the Board of Trustees and the President of the University shall be members ex officio of each of the committees of the Board. The President of the University shall be Chairman of the Executive Committee.

### EXECUTIVE COMMITTEE

Mr. Ellison, *Secretary*; Mr. Erwin; Mrs. Evans; Mr. Glover;  
Mr. McKelway; Mr. Tuckerman

### COMMITTEE ON EDUCATIONAL POLICY

Mr. Wetmore, *Chairman*; Mr. Grosvenor; Mr. Hoover; Mr. Howard;  
Dr. White

### COMMITTEE ON ENDOWMENT FUNDS

Mr. Aspinwall, *Chairman*; Mr. Cummings; Mr. Howard; Mr. Owen;  
Dr. White

### COMMITTEE ON FINANCE

Mr. Erwin, *Chairman*; Mr. Aspinwall; Mr. Lawson; Mr. McKee

### COMMITTEE ON NOMINATION OF TRUSTEES

Mr. Ellison, *Chairman*; Mr. Grosvenor; Mr. Hoover; Mr. McKelway

### COMMITTEE ON HONORS

Mr. Grosvenor, *Chairman*; Mr. Briggs; Mr. Cummings; Mr. Glover;  
Mr. Tuckerman

### COMMITTEE ON ALUMNI RELATIONS

Mr. Davis, *Chairman*; Mrs. Evans; Mr. Owen; Mr. Wetmore;  
Dr. White

### COMMITTEE ON UNIVERSITY LIBRARIES AND MUSEUMS

Mr. Briggs, *Chairman*; Mr. Lawson; Miss Newman; Mr. Wetmore;  
Dr. White



## COMMITTEE ON LEGAL AFFAIRS

Mr. Cummings, *Chairman*; Mr. Brookes; Mr. Ellison; Mr. Hays;  
Mr. Howard

## COMMITTEE ON BUILDINGS AND LANDS

Mr. Lawson, *Chairman*; General Grant, *Secretary*; Mr. Glover;  
Mr. Tuckerman

## COMMITTEE ON PERSONNEL

Mr. Wilson, *Chairman*; Mr. Erwin; Mrs. Evans; Mr. Freer;  
Mr. Grosvenor

## COMMITTEE ON EXTRA-CURRICULAR ACTIVITIES

Mr. Brookes, *Chairman*; Mr. Freer; Mr. Hays; Mr. Owen;  
Mr. Tuckerman

## COMMITTEE ON PUBLIC RELATIONS

Mr. Freer, *Chairman*; General Grant, *Secretary*; Mr. Davis;  
Mrs. Evans; Mr. McKelway

## OFFICERS OF ADMINISTRATION

### THE UNIVERSITY

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University*  
Harold Griffith Sutton, M.S., *Director of Admissions*  
Fred Everett Nessell, A.B., *Registrar; Secretary of the Faculties*  
John Russell Mason, B.S. in L.S., A.M., *Librarian; Curator of Art*  
Myrna Pauline Sedgwick, A.B., *Administrative Secretary*  
Henry William Herzog, B.S., *Comptroller*  
Donald David Blanchard, B.C.E., *Business Manager*  
Claud Max Farrington, A.M., *Director of Activities for Men*  
Virginia Randolph Kirkbride, A.M., *Director of Activities for Women*  
Alan Thomas Deibert, A.M., *Adviser to Students from Foreign Countries*  
Burnice Herman Jarman, A.M., Ed.D., *Director of the Summer Sessions*  
Daniel LeRay Borden, A.M., M.D., *Director of Health Administration*  
Ruth Harriet Atwell, A.M., *Director of Physical Education for Women*  
John Rust Busick, A.B., *Director of Public Relations*  
Don Carlos Faith, A.M., *Director of Veterans Education*  
Benjamin Douglass Van Evera, Ph.D., *Coordinator of Scientific Activities*

### THE COLLEGES, SCHOOLS, AND DIVISIONS

Myron Law Koenig, Ph.D., *Dean of the Junior College*  
Henry Grattan Doyle, A.M., LL.D., Litt.D., *Dean of Columbian College*  
Robert Whitney Bolwell, Ph.D., *Chairman of the Graduate Council*  
Walter Andrew Bloedorn, A.M., M.D., Sc.D., *Dean of the School of Medicine; Medical Director of the University Hospital*  
Oswald Symister Colclough, B.S., LL.B., LL.D., *Dean of the Law School*  
———, *Dean of the School of Engineering*  
Charles Watson Bliven, M.S., *Dean of the School of Pharmacy*  
James Harold Fox, A.M., Ed.D., *Dean of the School of Education*  
Arthur Edward Burns, Ph.D., *Dean of the School of Government*  
Elmer Louis Kayser, Ph.D., LL.D., *Dean of the Division of University Students; University Marshal*  
Warren Reed West, Ph.D., *Dean of the Division of Special Students*  
Mitchell Dreese, Ph.D., *Dean of the College of General Studies*  
Victor Frederick Ludewig, A.B., B.S., *Superintendent of the University Hospital*  
William Lewis Turner, A.M., *Assistant Dean of the Junior College*  
Katharine Rogers Adams, Ph.D., *Assistant Dean in the Junior College*

George Martin Koehl, A.M., *Assistant Dean in the Junior College*

Carr Bartleson Lavell, A.M., *Assistant Dean in the Junior College*

Calvin Darlington Linton, Ph.D., *Assistant Dean of Columbian College*

Carville Dickinson Benson, A.B., LL.B., S.J.D., *Assistant Dean of the  
Law School*

Carl Hugo Walther, B.E., M.C.E., *Assistant Dean of the School of  
Engineering*

## THE ACADEMIC COUNCIL

### THE UNIVERSITY

The President of the University  
The Director of Admissions  
The Registrar  
The Librarian  
The Administrative Secretary

### THE GRADUATE COUNCIL

The Chairman of the Council

Ira Bowers Hansen

John Withrow Brewer

### THE JUNIOR COLLEGE

The Dean of the College

Louis Clark Keating

Robert Corbin Vincent

### COLUMBIAN COLLEGE

The Dean of the College

John Francis Latimer

Nels David Nelson

### THE SCHOOL OF MEDICINE

The Dean of the School

Paul Kenneth Smith

Angus MacIvor Griffin

### THE LAW SCHOOL

The Dean of the School

William Thomas Fryer

John Patrick Burke

### THE SCHOOL OF ENGINEERING

The Dean of the School

Norman Bruce Ames

Charles Edward Greeley

### THE SCHOOL OF PHARMACY

The Dean of the School



## THE SCHOOL OF EDUCATION

The Dean of the School

Lewie Woodrow Burnett

Kathryn Mildred Towne

## THE SCHOOL OF GOVERNMENT

The Dean of the School

Joe Lee Jessup

Paul Edward Hanchett

## THE DIVISION OF UNIVERSITY STUDENTS

The Dean of the Division

## THE DIVISION OF SPECIAL STUDENTS

The Dean of the Division

## THE COLLEGE OF GENERAL STUDIES

The Dean of the College

## THE SUMMER SESSIONS

The Director of the Summer Sessions

## STANDING COMMITTEES OF THE FACULTY

### COMMITTEE ON EDUCATIONAL POLICY

The President of the University, *Chairman*  
The Dean of the Junior College  
The Dean of Columbian College  
The Chairman of the Graduate Council  
The Dean of the School of Medicine  
The Dean of the Law School  
The Dean of the School of Engineering  
The Dean of the School of Pharmacy  
The Dean of the School of Education  
The Dean of the School of Government  
The Dean of the Division of University Students  
The Dean of the Division of Special Students  
The Dean of the College of General Studies  
The Director of the Summer Sessions  
The Administrative Secretary

### COMMITTEE ON ADMISSION AND ADVANCED STANDING

Harold Griffith Sutton, *Chairman*

Francis Edgar Johnston

Carville Dickinson Benson

### COMMITTEE ON LIBRARY

Fred Salisbury Tupper, *Chairman*

William Thomas Fryer

Louis Clark Keating

Charles Rudolph Naeser

Thomas Martin Peery

### COMMITTEE ON PUBLIC CEREMONIES AND ASSEMBLIES

Elmer Louis Kayser, *University Marshal; Chairman*

Frank Mark Weida

Carl Hugo Walther

Ira Bowers Hansen

Charles William Cole

Burnice Herman Jarman

Fred Everett Nessell

Donald David Blanchard

### COMMITTEE ON RESEARCH

Robert Whitney Bolwell, *Chairman*

Merle Irving Protzman

Angus MacIvor Griffin

Paul William Bowman

Donald Stevenson Watson

## COMMITTEE ON STUDENT LOANS AND SCHOLARSHIPS

Warren Reed West, *Chairman*

Burnice Herman Jarman

Virginia Randolph Kirkbride

Henry William Herzog

Martin Steele Day

## COMMITTEE ON OFFICE ADMINISTRATIVE POLICY

Myrna Pauline Sedgwick, *Chairman*

Harold Griffith Sutton

Henry William Herzog

Fred Everett Nessell

Donald David Blanchard

## COMMITTEE ON INTERCOLLEGIATE ATHLETICS

Burnice Herman Jarman, *Chairman*

Mitchell Dreese

Ralph Dale Kennedy

Claud Max Farrington

## COMMITTEE ON SCHEDULE OF CLASSES

Samuel Nathaniel Wrenn, *Chairman*

Benjamin Carpenter Cruickshanks

John Withrow Brewer

## COMMITTEES ON STUDENT RELATIONSHIPS

## COMMITTEE ON STUDENT LIFE

Burnice Herman Jarman, *Chairman*

Claud Max Farrington

Virginia Randolph Kirkbride

Marjorie Tate

James Harold Coberly

Six Student Members

## COMMITTEE ON FORENSICS AND DRAMATICS

Lubin Poe Leggette, *Chairman*

Elizabeth Burtner

Edwin Lockwood Stevens

## COMMITTEE ON MUSICAL ORGANIZATIONS

Chester Elwood Leese, *Chairman*

John Russell Mason

Gretchen Louisa Rogers

## COMMITTEE ON PUBLICATIONS

Calvin Darlington Linton, *Chairman*

Elbridge Colby

Henry William Herzog

Margaret Davis (Alumna)

William Ellenberger (Alumnus)

Two Student Members

## EMERITUS FACULTY

- |  |   |
|--|---|
| PAUL BARTSCH, Ph.D., Sc.D.<br><i>Professor Emeritus of Zoology</i>   | "Lebanon"<br>Lorton, Va.                  |
| RAY SMITH BASSLER, Ph.D., Sc.D.<br><i>Professor Emeritus of Geology</i>  | 6704 5th St.                              |
| WALTER COLLINS CLEPHANE, LL.M., LL.D.<br><i>Professor Emeritus of Law</i>  | 719 15th St.                              |
| ANNA PEARL COOPER, A.M.<br><i>Professor Emeritus of English</i>  | 1028 Connecticut Ave.                     |
| FREDERICK MORRIS FEIKER, B.S. in E.E.,<br>D.Eng.<br><i>Professor Emeritus of Engineering Administration<br/>in Residence</i> | 1235 34th St.                             |
| ROBERT FISKE GRIGGS, Ph.D.<br><i>Professor Emeritus of Botany</i>  | 207 Alden Rd.<br>Carnegie, Pa.            |
| GILBERT LEWIS HALL, A.B., LL.B.<br><i>Professor Emeritus of Law</i>  | 1208 N. Wayne St.<br>Arlington, Va.       |
| GEORGE BAIN JENKINS, M.D.<br><i>Professor Emeritus of Anatomy</i>  | 5339 42d St.                              |
| JOHN WILMER LATIMER, LL.B.<br><i>Professor Emeritus of Law</i>   | 14 Newlands St.<br>Chevy Chase, Md.       |
| COLIN MACKENZIE MACKALL, Ph.D.<br><i>Professor Emeritus of Chemistry in Residence</i>  | 3700 Massachusetts Ave.                   |
| WILLIAM JOHNSTON MALLORY, A.M., M.D.<br><i>Professor Emeritus of Medicine</i>  | Lovettsville, Va.                         |
| JAMES FARNANDIS MITCHELL, A.B., M.D.<br><i>Professor Emeritus of Clinical Surgery</i>  | 1344 19th St.                             |
| WALTER LEWIS MOLL, A.B., LL.B., S.J.D.<br><i>Professor Emeritus of Law</i>   | Valparaiso University<br>Valparaiso, Ind. |
| GEORGE BYRON ROTH, A.B., M.D.<br><i>Professor Emeritus of Pharmacology</i>   | 3814 T St.                                |
| ALFRED FRANCIS WILLIAM SCHMIDT, A.M.<br><i>Professor Emeritus of Library Science</i>   | 35 Bryant St.                             |
| CHARLES SIDNEY SMITH, Ph.D.<br><i>Professor Emeritus of Classical Languages</i>  | 10358 Ashton Dr.<br>Los Angeles, Calif.   |
| HECTOR GALLOWAY SPAULDING, B.S., LL.B.,<br>S.J.D.<br><i>Professor Emeritus of Law</i>  | 1423 Madison St.                          |



WENDELL PHILLIPS STAFFORD, A.M., LL.B., 1661 Crescent Pl.  
LL.D., Litt.D.  
*Professor Emeritus of Law*

WILLIAM CABELL VAN VLECK, A.B., LL.B., 4120 Harrison St.  
S.J.D., LL.D.  
*Professor Emeritus of Law in Residence*

## THE FACULTY AND STAFF OF INSTRUCTION \*

THEODORE JUDSON ABERNETHY, B.S., M.D. <i>Assistant Clinical Professor of Medicine</i>	3030 44th St.
EDWARD CAMPION ACHESON, Ph.D. <i>Associate Professor of Finance</i>	Rolling Valley Vienna, Va.
ERRETT CYRIL ALBRITTON, A.B., M.D. <i>Fry Professor of Physiology</i>	518 Cumberland Ave. Somerset, Md.
JOHN GAGE ALLEE, Jr., A.M. <i>Assistant Professor of English</i>	830 Buchanan St. NE.
ANTONIO ALONSO, A.M. <i>Associate Professor of Spanish</i>	5124 45th St.
†EDWARD LEWIS ALPEN, Ph.D. <i>Assistant Professor of Pharmacology</i>	1307 N. Pierce St. Arlington, Va.
LOUIS KATZ ALPERT, B.S., M.D. <i>Adjunct Clinical Professor of Medicine</i>	1323 20th St. S. Arlington, Va.
SEYMOUR ALPERT, A.B., M.D. <i>Assistant Professor of Anesthesiology</i>	2120 16th St.
ELLSWORTH CHAPMAN ALVORD, Jr., B.S., M.D. <i>Professorial Lecturer in Anatomy</i>	4913 Upton St.
JAMES FRANCIS AMBURY, B.S., M.D. <i>Clinical Instructor in Medicine</i>	1762 N. Troy St. Arlington, Va.
§NORMAN BRUCE AMES, M.S., E.E., LL.B. <i>Professor of Electrical Engineering</i>	8 Westwood Dr. Westmoreland Hills, Md.
HARVEY AMMERMAN, M.D. <i>Clinical Instructor in Neurosurgery</i>	1335 H St.
HARRY FORD ANDERSON, M.D. <i>Professor of Dermatology and Syphilology</i>	1717 Poplar Lane
WILLIAM STATON ANDERSON, A.B., M.D. <i>Clinical Professor of Pediatrics</i>	1901 Wyoming Ave.
WARREN ANDREW, Ph.D., M.D. <i>Professor of Anatomy</i>	2223 H St.
JEROME STRAUSS ANTEL, Jr., B.S. IN E.E. <i>Assistant Professor of Electrical Engineering</i>	3629 Jenifer St.
WALTER LOUIS ASLING, A.M. <i>Associate in Physics</i>	2638 N. Florida St. Arlington, Va.

\* The University Faculty is composed of the President of the University, the Director of Admissions, the Registrar (who shall act as Secretary of the University Faculty), the Librarian, the Administrative Secretary, the Comptroller, the Business Manager, the Director of Health Administration, the Superintendent of the Hospital, and the membership of the several school and college faculties.

† On military leave effective May 1, 1951.

§ On sabbatical leave 1951-52.

RUTH HARRIET ATWELL, A.M. <i>Professor of Physical Education for Women; Director of Women's Athletics</i>	4268 N. Vacation Lane Arlington, Va.
FRANK SOLOMON BACON, B.S., M.D. <i>Clinical Instructor in Medicine</i>	4828 Rodman St.
WILLIAM ELDRIDGE BAGEANT, M.D. <i>Clinical Instructor in Anesthesiology</i>	3754 Jocelyn St.
JENNINGS BAILEY, JR., LL.B. <i>Professorial Lecturer in Law</i>	Route 1 Rockville, Md.
WALTER HALL BAILEY, A.M. <i>Assistant Professor of Geography</i>	6502 Glenmore Dr. Falls Church, Va.
WILLIAM OTIS BAILEY, JR., M.D. <i>Clinical Instructor in Medicine</i>	Leesburg, Va.
GORDON BARNEWALL, M.B.A. <i>Assistant Professor of Business Administration</i>	4831 28th St. S. Arlington, Va.
ROBERT HENRY BARTER, M.D. <i>Associate Professor of Obstetrics and Gynecology</i>	3647 Minnesota Ave. SE.
JEANNE CECILE BATEMAN, A.B., M.D. <i>Clinical Instructor in Medicine</i>	1229 37th St.
HARRY CLARK BATES, B.S., M.D. <i>Clinical Instructor in Medicine</i>	5921 Brook Dr. Falls Church, Va.
EMIL HERBERT BAUERSFELD, A.B., M.D. <i>Clinical Instructor in Medicine</i>	4353 Warren St.
RALPH GREGORY BEACHLEY, M.D., DR. P.H. <i>Adjunct Professor of Public Health Practice</i>	3119 17th St. N. Arlington, Va.
EDWARD JAMES BEATTIE, JR., M.D. <i>Assistant Professor of Surgery</i>	2226 Washington Ave. Silver Spring, Md.
VIRGINIA PATTERSON BEELAR, A.B., M.D. <i>Clinical Instructor in Medicine</i>	5047 Sedgwick St.
JOSEPH BEINSTEIN, A.B., M.D. <i>Clinical Instructor in Medicine</i>	4307 35th St. S. Fairlington, Va.
JOHN ROBERT BEISHLINE, PH.D. <i>Professorial Lecturer in Business Administration</i>	Quarters 14-A Fort Myer, Va.
GORDON EDWARD BELL, M.B.A. <i>Instructor in Accounting</i>	3233 Terrace Dr. SE.
RUTH BOSCHWITZ BENEDICT, A.B., M.D. <i>Clinical Instructor in Medicine</i>	4935 Massachusetts Ave.
CARVILLE DICKINSON BENSON, A.B., LL.B., S.J.D. <i>Professor of Law; Assistant Dean of the Law School</i>	3176 18th St. N. Arlington, Va.
CARL BERG, M.D. <i>Assistant Clinical Professor of Orthopedic Surgery</i>	3805 Kanawha St.

SIDNEY BERMAN, B.S., M.D. <i>Assistant Clinical Professor of Psychiatry</i>	2723 Connecticut Ave.
SOLOMON RODNEY BERSACK, M.D. <i>Associate in Radiology</i>	2702 Wisconsin Ave.
SAMUEL PAUL BESSMAN, M.D. <i>Associate in Pediatrics</i>	1607 N. Springwood Dr. Silver Spring, Md.
LEE SHEWARD BIELSKI, A.M. <i>Instructor in Speech</i>	1569 Mt. Eagle Pl. Alexandria, Va.
ROLAND ESSIG BIEREN, M.D. <i>Clinical Instructor in Obstetrics and Gynecology</i>	1115 Aronow Dr. Falls Church, Va.
CATHARINE BIRCH, A.B., M.D. <i>Clinical Instructor in Oto-rhino-laryngology</i>	3032 R St.
CHARLES EDWARD BISH, A.M., Ed.D. <i>Professorial Lecturer in Education</i>	14 Duvall Dr. Westmoreland Hills, Md.
BRIAN BLADES, A.B., M.D. <i>Professor of Surgery</i>	117 Albemarle St. Westmoreland Hills, Md.
CHARLES WATSON BLIVEN, M.S. <i>Professor of Pharmacy; Dean of the School of Pharmacy</i>	812 Heron Dr. Silver Spring, Md.
WALTER ANDREW BLOEDORN, A.M., M.D., Sc.D. <i>Professor of Medicine; Dean of the School of Medicine; Medical Director of the University Hospital</i>	4617 Hawthorne Lane
LESTER SYLVAN BLUMENTHAL, A.B., M.D., M.S. IN MED. <i>Clinical Instructor in Medicine</i>	1601 Argonne Pl.
HAROLD JEROME BOBYS, A.B., C.P.A. <i>Lecturer on Pharmacy Administration</i>	4106 Oakridge Lane Chevy Chase, Md.
ROBERT WHITNEY BOLWELL, Ph.D. <i>Professor of American Literature; Chairman of the Graduate Council</i>	Southport Silver Spring, Md.
DANIEL LERAY BORDEN, A.M., M.D. <i>Clinical Professor of Surgery; Director of Health Administration; University Surgeon</i>	1835 I St.
FRANK SPAULDING BORDEN, B.C.E. <i>Lecturer in Civil Engineering</i>	3611 Chesapeake St.
PAUL WILLIAM BOWMAN, Ph.D. <i>Professor of Biology</i>	3114 5th St. N. Arlington, Va.
JAMES IRVING BOYD, M.D. <i>Lecturer in Medicine</i>	8200 Marlboro Pike SE.
ORTON WELLS BOYD, A.M., C.P.A. <i>Professorial Lecturer in Accounting</i>	610 Rolling Rd. Chevy Chase, Md.
THOMAS BRADLEY, A.B., M.D. <i>Clinical Instructor in Surgery</i>	1633 29th St.



RALPH BRADY, B.S. IN E.E. <i>Lecturer in Electrical Engineering</i>	409 B St. NE.
ANDREW JOSEPH BRENNAN, M.D. <i>Clinical Instructor in Medicine</i>	7725 Aberdeen Rd. Bethesda, Md.
JOHN WITHROW BREWER, Ph.D. <i>Professor of International Law</i>	3000 39th St.
ROBERT LEE BRICKHOUSE, B.S., M.D. <i>Clinical Instructor in Medicine</i>	4913 Bayard Blvd. Crestwood, Md.
CRENSHAW DOUGLAS BRIGGS, B.S., M.D. <i>Clinical Instructor in Surgery</i>	2613 Dumbarton Ave.
ALBERT SEYMOUR BRIGHT, M.D. <i>Clinical Instructor in Obstetrics and Gynecology</i>	1726 I St.
ALFRED BRIGULIO, M.D. <i>Associate in Medicine; Associate University Physician</i>	1829 Upshur St.
WARREN DANIEL BRILL, B.S., M.D. <i>Clinical Instructor in Medicine</i>	9007 Garland Ave. Silver Spring, Md.
FOREST CARLILE BRIMACOMBE, A.B., M.B.A. <i>Lecturer in Accounting</i>	8307 16th St. Silver Spring, Md.
BERNARD BERYL BRODIE, Ph.D. <i>Professorial Lecturer in Pharmacology</i>	National Institutes of Health Bethesda, Md.
JOHN FREDERICK BROUGH, A.M., Ed.D. <i>Lecturer in Education</i>	5804 11th St. N. Arlington, Va.
*BROOKS GIDEON BROWN, B.S., M.D. <i>Clinical Instructor in Surgery</i>	1524 East West Hgwy. Silver Spring, Md.
HALLA BROWN, M.D. <i>Associate in Medicine</i>	3304 Idaho Ave.
RADFORD BROWN, M.D. <i>Clinical Professor of Obstetrics and Gynecology</i>	3514 Williamsburg Lane
THOMAS BENJAMIN BROWN, Ph.D. <i>Professor of Physics</i>	2810 23d St. N. Arlington, Va.
THOMAS McPHERSON BROWN, A.B., M.D. <i>Professor of Medicine</i>	814 26th Pl. S. Arlington, Va.
JOSEPHINE JORDAN BUCHANAN, A.M., M.D. <i>Assistant Clinical Professor of Physical Medicine and Rehabilitation</i>	2873 S. Buchanan St. Fairlington, Va.
JAMES LEONARD BUCKLER, A.M. <i>Lecturer in Accounting</i>	2618 N. Quantico St. Arlington, Va.
JOSÉ SILVADO BUENO, A.M. <i>Associate in Portuguese</i>	1512 Longfellow St. Hyattsville, Md.
LLOYD BYRON BURK, Jr., M.D. <i>Clinical Instructor in Surgery</i>	3104 Russell Rd. Alexandria, Va.
JOHN PATRICK BURKE, A.B., LL.B. <i>Associate Professor of Law</i>	6027 Ridge Dr. Brookmont, Md.

\* On military leave effective February 14, 1951.

LEWIE WOODROW BURNETT, A.B., Ed.D. <i>Associate Professor of Education</i>	516 Belleview Dr. Falls Church, Va.
ARTHUR EDWARD BURNS, Ph.D. <i>Professor of Economics; Dean of the School of Government</i>	6521 32d St.
JAMES THEODORE BURNS, M.D. <i>Clinical Instructor in Medicine</i>	308 Windsor St. Silver Spring, Md.
ELIZABETH BURTNER, A.M. <i>Associate Professor of Physical Education for Women</i>	1514 17th St.
EDWARD ALEXANDER CAFRITZ, M.D. <i>Associate in Surgery</i>	1835 I St.
PAUL CALABRISI, A.M. <i>Associate Professor of Anatomy</i>	257 N. Thomas St. Arlington, Va.
WILLARD EDMUND CALDWELL, Ph.D. <i>Assistant Professor of Psychology</i>	2025 I St.
ROBERT DALE CAMPBELL, Ph.D. <i>Associate Professor of Geography</i>	1201 S. Barton St. Arlington, Va.
JOHN EDWARD CANTLON, Ph.D. <i>Assistant Professor of Botany</i>	1006 Barnaby Terrace SE.
WILLIAM SUTTON CARLEY, M.S. IN E.E. <i>Associate Professor of Electrical Engineering</i>	5522 Greenway Dr.
PIERRE EMMANUEL CARLO, Ph.D. <i>Assistant Professor of Pharmacology</i>	1335 H St.
RICHARD BERNARD CASTELL, A.B., M.D. <i>Associate in Medicine; Associate University Physician</i>	Mayflower Hotel
WILLIAM PAXSON CHALFANT, Jr., M.D. <i>Clinical Instructor in Ophthalmology</i>	1915 16th St.
FREDERIC DUNBAR CHAPMAN, A.B., M.D., C.M. <i>Clinical Instructor in Medicine</i>	1614 44th St.
WALTER LYNN CHENEY, Ph.D. <i>Professor of Physics</i>	3509 McKinley St.
PAUL CHODOFF, A.B., M.D. <i>Associate in Neurology</i>	4704 Blagden Terrace
ROGER MORRISON CHOISSER, B.S., M.D. <i>Professor of Pathology</i>	4645 Hawthorne Lane
ARTHUR CASTNER CHRISTMAN, Jr., M.S. <i>Instructor in Physics</i>	3500 39th St.
HUGH GAMBEL CLARK, A.B., M.D. <i>Clinical Instructor in Pediatrics</i>	2865 S. Buchanan St. Fairlington, Va.
CARL WILLIAM CLEWLOW, A.B. <i>Lecturer in Business Administration</i>	707 Jefferson Ave. Falls Church, Va.

WILLIAM GRAHAM CLUBB, A.M. <i>Instructor in French</i>	223 Regina St. Alexandria, Va.
CHARLES SEYMOUR COAKLEY, M.D. <i>Associate Professor of Anesthesiology</i>	1761 Crestwood Dr.
ROBERT NORWOOD COALE, B.S., M.D. <i>Clinical Instructor in Medicine</i>	5707 Wisconsin Ave. Chevy Chase, Md.
JAMES HAROLD COBERLY, Ph.D. <i>Assistant Professor of American Literature</i>	1819 G St.
LAURENCE LEE COCKERILLE, M.D. <i>Assistant Clinical Professor of Obstetrics and Gynecology</i>	4709 49th St.
FREDERICK WARREN COE, B.S., M.D. <i>Clinical Instructor in Medicine</i>	7301 Overhill Dr. Bethesda, Md.
MAYNARD IRVING COHEN, A.B., M.D. <i>Clinical Instructor in Pediatrics</i>	2412 Colston Dr. Silver Spring, Md.
*NICHOLAS TREPHON COKENIAS, A.M. <i>Instructor in German</i>	6616 14th St.
ROY COLBERT, B.S. in M.E. <i>Professorial Lecturer on Engineering Administration</i>	2323 N. Vermont St. Arlington, Va.
ELBRIDGE COLBY, Ph.D. <i>Professor of Journalism</i>	4560 Indian Rock Terrace
OSWALD SYMISTER COLCLOUGH, B.S., LL.B., LL.D. <i>Professor of Law; Dean of the Law School</i>	25 Grafton St. Chevy Chase, Md.
CHARLES WILLIAM COLE, Ph.D. <i>Associate Professor of American Literature</i>	2747 Ordway St.
HUGH MARSHALL COLE, Ph.D. <i>Professorial Lecturer on Military History</i>	4905 Crescent St.
ALLAN BERTRAM COLEMAN, M.D. <i>Clinical Instructor in Pediatrics</i>	1433 Whittier St.
MARY ELLEN COLEMAN, A.M. <i>Lecturer in Education</i>	3050 Q St. SE.
CHARLES SAGER COLLIER, A.B., LL.B., S.J.D. <i>Professor of Law</i>	212 Rosemary St. Chevy Chase, Md.
GERHARD COLM, Dr. rer. pol. <i>Professorial Lecturer in Economics</i>	1615 N. Lexington St. Arlington, Va.
PETER DIACOUMIS COMANDURAS, M.D., M.S. <i>Associate Clinical Professor of Medicine</i>	4427 S. Four Mile Run Dr. Arlington, Va.
PETE COMMINGS, B.S., M.D. <i>Clinical Instructor in Obstetrics and Gynecology</i>	410 37th St. SE.
WILLIAM RANDALL COMPTON, LL.B., M.B.A., J.S.D. <i>Professorial Lecturer in Law</i>	McLean, Va.

\* On national service leave effective February 1, 1951.



JOSEPH FRANCIS CONLON, D.D.S. <i>Clinical Instructor in Dental Surgery</i>	4708 Cortland Rd. Chevy Chase, Md.
JOSEPH AUGUSTINE CONNOR, JR., M.D. MAJOR, MEDICAL CORPS, UNITED STATES AIR FORCE <i>Professor of Military Science and Tactics</i>	1906 Amherst Pl. Hyattsville, Md.
ROBERT CARTER COOK <i>Lecturer on Genetics</i>	1507 M St.
ROBERT MCKINNEY COOPER, PH.D., J.D. <i>Associate Professor of Law</i>	Woodrow Ave. Bethesda, Md.
JAMES CHRISTOPHER CORLISS, A.M. <i>Adjunct Professor of Inter-American Economics</i>	2737 Devonshire Pl.
VIRGIL HEATH CORNELL, M.D., DR.P.H. <i>Professorial Lecturer in Pathology</i>	1376 Locust Rd.
IVOR CORNMAN, PH.D. <i>Assistant Research Professor of Anatomy</i>	1335 H St.
IRENE CORNWELL, PH.D. <i>Associate Professor of French</i>	2126 Connecticut Ave.
HAROLD CORSON, M.D. <i>Associate in Psychiatry</i>	604 Monticello Dr. Falls Church, Va.
THOMAS EWING COTNER, PH.D. <i>Lecturer in Political Science</i>	1412 N. Abingdon St. Arlington, Va.
MARY WINIFRED COX, A.M. <i>Associate in Secretarial Studies</i>	2013 New Hampshire Ave.
RONALD ATMORE COX, A.B., M.D. <i>Professor of Ophthalmology; Associate University Physician</i>	4408 Edmunds St.
LOUIS ALECK CRAIG, JR., A.B., M.D. <i>Clinical Instructor in Medicine</i>	3133 Connecticut Ave.
GEORGE BOWDOIN CRAIGHILL, A.B., LL.B. <i>Adjunct Professor of Law</i>	2803 P St.
NORRIS INGERSOLL CRANDALL, M.Arch. <i>Professor of Art</i>	268 Madison Lane Alexandria, Va.
GEORGE WILLIAM CRESWELL, A.B., M.D. <i>Assistant Clinical Professor of Dermatology and Syphilology</i>	1630 Jonquil St.
JEREMIAH KEITH CROMER, M.D. <i>Associate in Obstetrics and Gynecology</i>	3036 Cambridge Pl.
BENJAMIN CARPENTER CRUICKSHANKS, B.S. IN M.E. <i>Professor of Mechanical Engineering</i>	5733 4th St.
LEON RICHARD CULBERTSON, B.S., M.D. <i>Associate in Urology</i>	1801 K St.
ROGER ALLEN CUNNINGHAM, B.S., LL.B. <i>Assistant Professor of Law</i>	3721 Lyons Lane Alexandria, Va.



- |   |  |
|---|--|
| MARY BRIERTON CURRY, A.M.<br><i>Instructor in Secretarial Studies</i>   | 137 Ivanhoe St. SW.                        |
| WILLIAM GREEN CUSHARD, M.D.<br><i>Associate in Psychiatry</i>   | 703 E. Leland St.<br>Chevy Chase, Md.      |
| JOSEPH DACH, LL.D., LL.B.<br><i>Lecturer in Law</i>   | 2500 Q St.                                 |
| ABRAHAM WOLFFE DANISH, A.B., M.D.<br><i>Clinical Instructor in Medicine</i>   | 401 Ridge Rd. SE.                          |
| HENRY LAURAN DARNER, A.B., M.D.<br><i>Clinical Professor of Obstetrics and Gynecology</i>                             | 1028 Connecticut Ave.                      |
| CARL CALVIN DAUER, A.B., M.D., M.P.H.<br><i>Assistant Clinical Professor of Medicine</i>                              | 3515 Livingston St.                        |
| EDWARD FRENCH DAVIS, M.S.<br><i>Associate in Mechanical Engineering</i>   | 2262 N. Wakefield St.<br>Arlington, Va.    |
| EDWIN WALLACE DAVIS, Ph.D.<br><i>Lecturer in Psychology</i>   | 5315 Moorland Lane<br>Bethesda, Md.        |
| WILLIAM JOSEPH GRAHAM DAVIS, A.B.,<br>M.D.<br><i>Clinical Instructor in Ophthalmology</i>                             | 927 17th St.                               |
| JAMES FORRESTER DAVISON, A.B., LL.B.,<br>LL.M., S.J.D.<br><i>Professor of Law</i>                                     | 49 Observatory Circle                      |
| RODERIC HOLLETT DAVISON, Ph.D.<br><i>Associate Professor of European History</i>                                      | 1523 26th St.                              |
| MARTIN STEELE DAY, Ph.D.<br><i>Assistant Professor of English</i>   | 5000 42d Ave.<br>Hyattsville, Md.          |
| BENJAMIN FRANKLIN DEAN, Jr., M.S., M.D.<br><i>Assistant Clinical Professor of Surgery</i>                             | 3221 Patterson St.                         |
| VINCENT JAMES DEANGELIS, B.S. in P.E.,<br>A.M. in Ed.<br><i>Assistant Professor of Physical Education for<br/>Men</i> | 2406 N. George Mason Dr.<br>Arlington, Va. |
| ALAN THOMAS DEIBERT, A.M.<br><i>Professor of Romance Languages; Adviser to<br/>Students from Foreign Countries</i>    | 2124 I St.                                 |
| FRANK LANDT DENNIS, A.B., LL.B.<br><i>Lecturer in Journalism</i>  | 3125 Nebraska Ave.                         |
| HERBERT HAROLD DIAMOND, M.D.<br><i>Clinical Instructor in Pediatrics</i>  | 7416 Alaska Ave.                           |
| PAUL FREDERICK DICKENS, M.D.<br><i>Clinical Professor of Medicine</i>   | 4930 Sedgwick St.                          |
| WILLIAM THOMAS DICKINSON, M.S. in<br>E.E.<br><i>Assistant Professor of Electrical Engineering</i>                     | 2873 S. Buchanan St.<br>Arlington, Va.     |
| WILLIAM WEBSTER DIEHL, Ph.D.<br><i>Adjunct Professor of Mycology</i>  | 1512 N. McKinley Rd.<br>Arlington, Va.     |

JAMES CARLTON DOCKERAY, Ph.D. <i>Professorial Lecturer in Business Administration</i>	4120 Woodberry St. University Park, Md.
SAMUEL MAYER DODEK, A.M., M.D. <i>Assistant Clinical Professor of Obstetrics and Gynecology</i>	2930 Woodland Dr.
CHARLOTTE PATRICIA DONLAN, A.B., M.D. <i>Clinical Instructor in Radiology</i>	2025 I St.
HENRY GRATTAN DOYLE, A.M., LL.D., Litt.D. <i>Professor of Romance Languages; Dean of Columbian College</i>	5500 33d St.
MITCHELL DREESE, Ph.D. <i>Professor of Educational Psychology; Dean of the College of General Studies</i>	4136 41st St. N. Arlington, Va.
JOHN WILLIAM DuCHEZ, M.D. <i>Clinical Instructor in Medicine</i>	110 35th St. SE.
ROBERT EDWARD duPREY, M.S., M.D. <i>Clinical Instructor in Ophthalmology</i>	1762 N. Troy St. Arlington, Va.
JAMES ALBERT DUSBABEK, M.D. <i>Associate in Obstetrics and Gynecology</i>	1844 Randolph St.
ADDISON McGUIRE DUVAL, M.D. <i>Clinical Professor of Psychiatry</i>	St. Elizabeths Hospital
HARRY EAGLE, A.B., M.D. <i>Adjunct Clinical Professor of Medicine</i>	121 Bradley Lane Chevy Chase, Md.
WILFRED WALTER EASTMAN, A.B., M.D. <i>Clinical Instructor in Anatomy</i>	305 Sweetbriar Pkwy. Hillandale, Md.
WILLIAM ASHBY EARLY, A.M. <i>Professorial Lecturer in Education</i>	702 Arlington Mill Dr. Arlington, Va.
HENRY DUNLOP ECKER, B.S., M.D. <i>Clinical Instructor in Medicine</i>	1725 N St.
DAVID EDEN, A.B., M.D. <i>Clinical Instructor in Psychiatry</i>	1217 Valley Ave. SE.
JUSTIN LINCOLN EDGERTON, A.B., LL.B. <i>Professorial Lecturer in Law</i>	2104 Ross Rd. Silver Spring, Md.
FRANKLIN JOHN EHLERT <i>Lecturer in Journalism</i>	10031 Tenbrook Dr. Silver Spring, Md.
WATSON WILLIAM ELDRIDGE, Jr., M.D. <i>Associate in Medicine</i>	St. Elizabeths Hospital
WILLIAM LEIGH ELLIS, A.B., LL.B., LL.M. <i>Lecturer in Law</i>	19 Carvel Rd. Westmoreland Hills, Md.
JULIUS ROBERT EPSTEIN, M.D. <i>Clinical Instructor in Obstetrics and Gynecology</i>	4721 Colorado Ave.
CLAYTON BERNARD ETHRIDGE, M.D. <i>Clinical Professor of Medicine</i>	Route 1 Burke, Va.

JOHN McCALLUM EVANS, A.B., M.D. <i>Assistant Clinical Professor of Medicine</i>	8722 Colesville Rd. Silver Spring, Md.
RAYMOND PUGH EYMAN, C.E. <i>Associate Professor of Civil Engineering</i>	4701 Connecticut Ave.
*WALTER DAVID FACKLER, A.B. <i>Instructor in Business Administration</i>	1812 19th St.
DON CARLOS FAITH, A.M. <i>Lecturer in Psychology</i>	3816 49th St.
JOHN FARAGO, Ph.D. <i>Lecturer in Chemistry</i>	238 Dale Dr. Silver Spring, Md.
JOSEPH FRANCIS FAZEKAS, B.S., M.D. <i>Adjunct Clinical Professor of Medicine</i>	1 Stockton Rd. Silver Spring, Md.
*ERRETT GLENN FEATHERSTON, A.M., Ed.D. <i>Professorial Lecturer in Education</i>	3632 Warren St.
HENRY LEON FEFFER, A.B., M.D. <i>Clinical Instructor in Orthopedic Surgery</i>	6815 Riggs Manor Dr. Hyattsville, Md.
JAMES JOSEPH FEFFER, A.B., M.D. <i>Associate in Medicine</i>	1711 Rhode Island Ave.
EDWARD EGNER FERGUSON, M.D. <i>Associate in Urology</i>	1801 I St.
JOHN THEODORE FEY, LL.B., M.B.A. <i>Associate Professor of Law</i>	516 Washington St. Cumberland, Md.
AUBREY DAVID FISCHER, M.D. <i>Associate in Oto-rhino-laryngology</i>	2737 Devonshire Pl.
DEWITT FISHER, A.M. <i>Associate in Physics</i>	4811 S. 31st St. Arlington, Va.
LAWRENCE DANIEL FOLKEMER, Ph.D. <i>Associate Professor of Religion; Director of Religious Activities</i>	9605 Howard Ave. Bethesda, Md.
THEODORE CLAREMONT CHEN FONG, M.D. <i>Associate in Dermatology and Syphilology</i>	1630 Kalmia Rd.
BERNARD HAYMAN FOX, Ph.D. <i>Assistant Professor of Psychology</i>	318 Livingston Terrace SE.
JAMES HAROLD FOX, A.M., Ed.D. <i>Professor of Education; Dean of the School of Education</i>	4301 Jenifer St.
CARSON GRAY FRAILEY, A.B., LL.B. <i>Lecturer on Pharmaceutical Law</i>	5047 Glenbrook Terrace
WILLIAM FRANK, M.D. <i>Clinical Instructor in Medicine</i>	2723 Nicholson St., Hyattsville, Md.
MAURICE FRANKS, M.D. <i>Clinical Instructor in Medicine</i>	1105 Trenton Pl. SE.
CLARENCE KENDALL FRASER, Ph.B., M.D. <i>Associate in Obstetrics and Gynecology</i>	5040 Sedgwick St.

\* On leave of absence 1951-52.



WALTER FREEMAN, Ph.D., M.D. <i>Professor of Neurology</i>	4501 Linnean Ave.
WILLIAM THOMAS FRYER, A.B., LL.B., J.D. <i>Professor of Law</i>	7007 Clarendon Rd. Bethesda, Md.
MARVIN FUCHS, B.S., M.D. <i>Clinical Instructor in Medicine</i>	1601 Argonne Pl.
GEORGE GAMOW, PHYSICS D. <i>Professor of Theoretical Physics</i>	19 Thoreau Dr. Bethesda, Md.
JAMES QUINCY GANT, JR., M.S., M.D. <i>Associate in Dermatology and Syphilology</i>	6729 2d St.
*CHARLES EDWARD GAUSS, Mus.B., Ph.D. <i>Elton Professor of Philosophy</i>	423 S. Lee St. Alexandria, Va.
HAROLD LORAN GEISERT, Ph.D. <i>Professor of Sociology</i>	2115 Pennsylvania Ave.
LEON GERBER, M.D. <i>Clinical Instructor in Surgery</i>	900 17th St.
WALTER HENRY GERWIG, JR., A.B., M.D. <i>Assistant Clinical Professor of Surgery</i>	3263 Beech St.
WILLIAM TRAVIS GIBB, JR., A.B., M.D. <i>Assistant Clinical Professor of Medicine</i>	2002 R St.
SAM THOMPSON GIBSON, B.S., M.D. <i>Associate in Medicine</i>	5803 Anniston Rd. Bethesda, Md.
EUGENE SOLOMEN GLADSDEN, B.S., M.D. <i>Clinical Instructor in Medicine</i>	5917 14th St.
HERBERT DUDLEY GLICK, B.M., M.D. <i>Clinical Instructor in Pediatrics</i>	8011 Eastern Ave. Silver Spring, Md.
ARAM GLORIG, JR., M.D. <i>Clinical Instructor in Oto-rhino-laryngology</i>	200 E. Indian Spring Dr. Silver Spring, Md.
JOHN CLIFFORD GOFF, B.M.E. <i>Associate in Mechanical Engineering</i>	1352 Taylor St.
REUBEN GOODMAN, M.D. <i>Clinical Instructor in Dermatology and Syphilology</i>	1746 K St.
*HELEN BARTON GOODWIN, A.M. <i>Lecturer in Education</i>	124 E. Thornapple St. Chevy Chase, Md.
ERNEST ALVA GOULD, M.D. <i>Clinical Instructor in Surgery</i>	7603 Wildwood Dr. Takoma Park, Md.
WOOD GRAY, Ph.D. <i>Professor of American History</i>	3422 Reservoir Rd.
SALVATORE JOSEPH GRECO, Ph.D. <i>Assistant Professor of Pharmacy</i>	820 S. Florida St. Arlington, Va.
CHARLES EDWARD GREELEY, B.S. IN M.E. <i>Associate Professor of Mechanical Engineering</i>	4538 34th St. S. Arlington, Va.

\* On leave of absence 1951-52.



KATHERINE VIRGINIA GREENE, A.M. <i>Instructor in Physiology</i>	625 25th St. S. Arlington, Va.
BRUCE DOUGLAS GREENSHIELDS, C.E., Ph.D. <i>Professor of Civil Engineering</i>	2127 California St.  4103 Davis Pl.
ANGUS MACIVOR GRIFFIN, Ph.D. <i>Professor of Bacteriology</i>	2636 South Uhle St. Arlington, Va.
WILLIAM LESTER GRIFFIN, A.B., LL.B., LL.M. <i>Lecturer in Law</i>	3215 Rittenhouse St.
ROBERT HENRY GROH, B.S., M.D. <i>Assistant Clinical Professor of Neurology</i>	2223 Wyoming Ave.
MABEL HARLAKENDEN GROSVENOR, A.B., M.D. <i>Assistant Clinical Professor of Pediatrics</i>	400 Chillum Rd. Hyattsville, Md.
MILTON GUSACK, A.B., M.D. <i>Clinical Instructor in Medicine</i>	123 S. Pitt St. Alexandria, Va.
FRED LATIMER HADSEL, Ph.D. <i>Lecturer in Political Science</i>	1238 Martha Custis Dr. Alexandria, Va.
JAMES EDWARD HAGUE <i>Lecturer in Journalism</i>	2807 Cheverly Ave. Cheverly, Md.
GILBERT PIERCE HAIGHT, JR., Ph.D. <i>Assistant Professor of Chemistry</i>	3920 Harrison St.
CUSTIS LEE HALL, M.D. <i>Clinical Professor of Surgery</i>	215 Buffalo Ave. Takoma Park, Md.
HARVEY PORTER HALL, A.M. <i>Lecturer in Political Science</i>	4704 46th St.
JAMES HERRICK HALL, A.M., Ed.D. <i>Lecturer in Education</i>	St. Elizabeths Hospital
ROSCOE WILLIS HALL, Ph.B., M.D. <i>Clinical Professor of Psychiatry</i>	18 E. Bradley Lane Chevy Chase, Md.
CHARLES ROBERT LEE HALLEY, A.B., M.D. <i>Clinical Professor of Medicine</i>	4009 Clagett Rd. College Heights, Md.
*RAY LAFOREST HAMON, Ph.D. <i>Professorial Lecturer in Education</i>	1803 Newton St.
PAUL EDWARD HANCHETT, Ph.D. <i>Assistant Professor of Economics</i>	6421 Cedar Dr. Falls Church, Va.
RAYMOND GEORGE HANKEN, B.S. IN P.E. <i>Assistant Professor of Physical Education for Men</i>	7812 Custer Rd. Bethesda, Md.
IRA BOWERS HANSEN, Ph.D. <i>Professor of Zoology</i>	1329 Connecticut Ave.
BERNARD LAURISTON HARDIN, JR., A.B., M.D. <i>Associate in Medicine</i>	

\* On leave of absence 1951-52.

JAMES WILLARD HARKNESS, B.S., Ed.M. <i>Assistant Professor of Chemistry</i>	Route 2, Box 214 Alexandria, Va.
ROBERT HOWE HARMON, A.B., M.D. <i>Associate University Physician</i>	1150 Connecticut Ave.
ROBERT EARL HARPER, A.B. <i>Lecturer in Journalism</i>	4709 Warren St.
JEROME BLAINE HARRELL, M.D. <i>Assistant Clinical Professor of Surgery</i>	1845 Taylor St.
FOREST KLAIRE HARRIS, Ph.D. <i>Professorial Lecturer in Electrical Engineering</i>	2124 Tunlaw Rd.
HELEN TAYLOR HARRIS, A.M. <i>Associate in Physical Education for Women</i>	8818 Ridge Rd. Bethesda, Md.
*CLARENCE RICHARD HARTMAN, A.B., M.D. <i>Assistant Clinical Professor of Medicine</i>	1026 Knoll Dr. Falls Church, Va.
THOMAS LEES HARTMAN, A.M., M.D. <i>Clinical Instructor in Medicine</i>	1834 I St.
RICHARD CATLIN HASKETT, A.M. <i>Assistant Professor of American History</i>	Washington Grove, Md.
CHARLES BYRD HAWTHORNE, B.S. IN PHAR. <i>Lecturer on Pharmacy Management</i>	5028 25th Rd. N. Arlington, Va.
WEBB EDWARD HAYMAKER, M.S., M.D. <i>Professorial Lecturer in Anatomy</i>	7206 Blair Rd.
CANNON CHILES HEARNE, A.M. <i>Lecturer in Education</i>	409 N. Irving St. Arlington, Va.
‡WILLIAM FRANKLIN HECKERT, M.S. <i>Instructor in Physics</i>	117 Lynnwood St. Alexandria, Va.
GEORGE FRANCIS HENIGAN, JR., Ph.M. <i>Associate Professor of Speech</i>	4119 36th St. S. Arlington, Va.
VINCENT HARRY HENNESSY, B.C.E. <i>Associate in Civil Engineering</i>	2453 Tunlaw Rd.
CONDER CAYWOOD HENRY, A.B., LL.B. <i>Adjunct Professor of Law</i>	4322 Argyle Terrace
PHILIP FIELD HERRICK, A.B., LL.B., LL.M. <i>Professorial Lecturer in Law</i>	517 Tennessee Ave. Alexandria, Va.
ROY HERTZ, Ph.D., M.D. <i>Assistant Clinical Professor of Medicine</i>	4612 S. Chelsea Lane Bethesda, Md.
PHILIP INGRAM HERZBRUN, A.B. <i>Instructor in English Composition</i>	2651 16th St.
HENRY WILLIAM HERZOG, B.S. <i>Comptroller</i>	22 Duvall Dr. Westmoreland Hills, Md.
JANE FROST HILDER, A.M. <i>Lecturer in Education; Director of Reading Clinic</i>	4726 Sedgwick St.

\* On military leave effective September 7, 1950.

‡ On military leave effective June 4, 1951.

- |   |   |
|---|---|
| ELIZABETH HARMAN HILL, M.D.<br><i>Instructor in Medicine</i>                            | 2300 Connecticut Ave.                         |
| ROBERT PELLEY HILL, B.S., M.D.<br><i>Associate Professor of Pathology</i>               | 2223 H St.                                    |
| CLAYTON HOWARD HIXSON, M.D.<br><i>Associate in Obstetrics and Gynecology</i>            | 4700 Quebec St.                               |
| T. WILEY HODGES, A.B., M.D.<br><i>Clinical Instructor in Orthopedic Surgery</i>         | 4201 Oakridge Lane<br>Chevy Chase, Md.        |
| LEROY HOECK, M.D.<br><i>Adjunct Clinical Professor of Pediatrics</i>                    | Gallinger Municipal<br>Hospital               |
| PEARL HOLLY, M.S., M.D.<br><i>Associate in Medicine</i>                                 | 2704 36th Pl.                                 |
| WILLIAM BULTMAN HOLTON, Ph.D.<br><i>Professorial Lecturer in Chemistry</i>              | 4820 Drummond Ave.<br>Chevy Chase, Md.        |
| BERNARD LEONARD HORECKER, Ph.D.<br><i>Professorial Lecturer on Enzymes</i>              | 4810 North Lane<br>Bethesda, Md.              |
| ALEC HORWITZ, M.S., M.D.<br><i>Associate Clinical Professor of Surgery</i>              | 2719 Brandywine St.                           |
| HUGH OSGOOD HOUSE, A.B., M.D.<br><i>Associate University Physician</i>                  | 1835 I St.                                    |
| AVERETT HOWARD, A.M.<br><i>Associate Professor of English Composition</i>               | 1 Scott Circle                                |
| WILLIAM ALLEN HOWARD, A.B., M.D.<br><i>Associate in Pediatrics</i>                      | 1683 34th St.                                 |
| JOHN DECATOR HOYLE, B.S., M.D.<br><i>Clinical Instructor in Surgery</i>                 | 1019 10th St.<br>Alexandria, Va.              |
| HENRY FURNESS HUBBARD, Ph.D.<br><i>Adjunct Professor of Psychology</i>                  | 6318 32d St.                                  |
| THELMA HUNT, Ph.D., M.D.<br><i>Professor of Psychology</i>                              | 3700 Massachusetts Ave.                       |
| PAUL LOUIS ILLG, A.M.<br><i>Lecturer in Biology</i>                                     | 6201 Walhonding Rd.<br>Glen Echo Heights, Md. |
| FREDERICK ANDERSON INDORF, A.M.<br><i>Lecturer in Education</i>                         | 1308 21st St.                                 |
| MARJORIE KATHERINE IONTA, B.S.<br><i>Assistant in Physical Medicine</i>                 | 2223 H St.                                    |
| VINCENT MICHAEL IOVINE, B.S., M.D.<br><i>Assistant Clinical Professor of Surgery</i>    | 2500 Q St.                                    |
| GEORGE WASHINGTON IRVING, JR., Ph.D.<br><i>Professorial Lecturer on Proteins</i>        | 4901 Lackawanna St.<br>Berwyn, Md.            |
| MARGARET IVES, Ph.D.<br><i>Lecturer in Psychology</i>                                   | 302 Rucker Pl.<br>Alexandria, Va.             |
| CAROLINE JACKSON, A.M., M.D.<br><i>Clinical Instructor in Obstetrics and Gynecology</i> | 1150 Connecticut Ave.                         |



JOHN WINGFIELD JACKSON, B.S., LL.B. <i>Adjunct Professor of Law</i>	4844 N. Rock Spring Rd. Arlington, Va.
*RICHARD LEE JACKSON, M.D. <i>Clinical Instructor in Surgery</i>	2913 29th St.
DOROTHY STEINLE JAEGER-LEE, M.D. <i>Assistant Clinical Professor of Pediatrics</i>	425 Greenbrier Dr. Silver Spring, Md.
RUSSEL JON JANSEN, M.D. <i>Associate in Obstetrics and Gynecology</i>	3015 Ellicott St.
BURNICE HERMAN JARMAN, A.M., Ed.D. <i>Professor of Education; Director of the Summer Sessions</i>	1802 N. Danville St. Arlington, Va.
WILLIAM DABNEY JARMAN, B.S., M.D. <i>Associate in Urology</i>	1710 35th St.
GEORGE JASZI, Ph.D. <i>Lecturer in Economics</i>	6210 Wagner Lane
EDGAR PLEASANT JAYNE, Ph.D. <i>Assistant Professor of Anatomy</i>	2124 H St.
WILLIAM HERNDON JENKINS, M.D. <i>Clinical Professor of Oto-rhino-laryngology</i>	1150 Connecticut Ave.
EDWARD CLIFFORD JENNINGS, B.S., M.D. <i>Clinical Instructor in Oto-rhino-laryngology</i>	5002 Fort Sumner Dr.
JOE LEE JESSUP, M.B.A. <i>Associate Professor of Business Administration</i>	704 N. Wayne St. Arlington, Va.
†WILLIAM FRANKLIN JEWELL III, M.S. <i>Assistant Professor of Geography</i>	2141 I St.
ARLIN REX JOHNSON, Ph.D. <i>Professorial Lecturer on Marketing</i>	1707 N. Greenbrier St. Arlington, Va.
EVERETT HERSCHEL JOHNSON, Ph.D. <i>Associate Professor of Statistics</i>	3939 Pennsylvania Ave. SE.
HOWARD ODIN JOHNSON, A.M., Ed.D. <i>Lecturer in Education</i>	720 Woodlawn Ave. Falls Church, Va.
JOSEPH BUEOL JOHNSON, A.M., Ed.D. <i>Lecturer in Education</i>	2107 N. Scott St. Arlington, Va.
FRANCIS EDGAR JOHNSTON, Ph.D. <i>Professor of Mathematics</i>	307 W. Montgomery Ave. Rockville, Md.
WILLIAM CRANE JOHNSTONE, JR., Ph.D. <i>Professorial Lecturer in Political Science</i>	3065 University Terrace
BENJAMIN CALLOWAY JONES, JR., M.D. <i>Associate in Medicine</i>	814 Prince St. Alexandria, Va.
CHARLES WILSON JONES, A.B., M.D. <i>Clinical Instructor in Medicine</i>	1629 Columbia Rd.
‡RUTH ELSIE JONES, A.M. <i>Assistant Professor of English Composition</i>	8002 Blair Mill Dr. Silver Spring, Md.

\* On military leave effective February 14, 1951.

‡ On leave of absence 1951-52.



- |   |   |
|---|---|
| KENNETH CASPER KATES, Ph.D.<br><i>Professorial Lecturer in Zoology</i>  | 7102 Rhode Island Ave.<br>College Park, Md. |
| SOL KATZ, B.S., M.D.<br><i>Adjunct Clinical Professor of Medicine</i>   | 917 Ridge Rd.<br>Route 1, Annandale, Va.    |
| SOLOMON KATZENELBOGEN, M.D.<br><i>Clinical Professor of Psychiatry</i>  | 5904 Connecticut Ave.                       |
| MORTON SELWYN KAUFMAN, A.B., M.D.<br><i>Clinical Instructor in Obstetrics and Gynecology</i>  | 4700 Blagden Ave.                           |
| JOHN KAYE, M.S. in M.E.<br><i>Assistant Professor of Mechanical Engineering</i>   | 6523 Clarendon Rd.<br>Bethesda, Md.         |
| ELMER LOUIS KAYSER, Ph.D., LL.D.<br><i>Professor of European History; Dean of the Division of University Students; University Marshal</i> | 2013 G St.                                  |
| LOUIS CLARK KEATING, Ph.D.<br><i>Professor of Romance Languages</i>   | 4414 Dittmar Rd.<br>Arlington, Va.          |
| EDWARD FREDERICK KELLEY, M.S., A.E.<br><i>Lecturer in Mechanical Engineering</i>  | Woodbridge, Va.                             |
| JAMES LEO KELLEY, A.B., M.D.<br><i>Instructor in Surgery</i>  | 5515 Nicholson Ave.<br>E. Riverdale, Md.    |
| JOHN WILLIAM KEMBLE, A.B., M.D.<br><i>Clinical Instructor in Neurology</i>  | Walter Reed Army Hospital                   |
| JOHN ALEXANDER KENDRICK, A.B., LL.B.<br><i>Clerk of the Trial Practice Court</i>  | 1730 Connecticut Ave.                       |
| MARVIN HAYNE KENDRICK, A.B., M.D.<br><i>Clinical Instructor in Surgery</i>  | 1028 Valley Dr.<br>Alexandria, Va.          |
| RALPH DALE KENNEDY, Ph.D.<br><i>Professor of Accounting</i>   | 2528 N. Buchanan St.<br>Arlington, Va.      |
| ALBERT PRENTICE KENYON, A.M.<br><i>Associate in Physics</i>   | 3672 Gunston Rd.<br>Alexandria, Va.         |
| IRVIN KERLAN, B.S., M.D., C.P.H.<br><i>Clinical Instructor in Medicine</i>  | 1919 19th St.                               |
| JAMES JOSEPH KERLEY, Jr., A.B. in C.E.<br><i>Assistant Professor of Civil Engineering</i>   | 6203 Forest Rd.<br>Cheverly, Md.            |
| ISRAEL KESSLER, M.S., M.D.<br><i>Clinical Instructor in Medicine</i>  | 721 Decatur St.                             |
| HAYDEN KIRBY-SMITH, B.S., M.D.<br><i>Assistant Clinical Professor of Dermatology and Syphilology</i>                                      | 1791 Crestwood Dr.                          |
| JAMES ROBERT KIRKLAND, A.B., LL.B., LL.M.<br><i>Adjunct Professor of Law</i>  | 1519 Underwood St.                          |
| FRANCES KIRKPATRICK, A.M.<br><i>Professor of Home Economics</i>   | 2150 Pennsylvania Ave.                      |
| STANLEY WILLIAM KIRSTEIN, M.D.<br><i>Clinical Instructor in Medicine</i>  | 1835 I St.                                  |

ALBERT DAVID KISTIN, A.M., M.D. <i>Associate in Medicine</i>	2111 Bancroft Pl.
MORRIS KLEINERMAN, Ch.D., M.B. <i>Assistant Clinical Professor of Psychiatry</i>	2025 I St.
DONALD CHENOWETH KLINE, B.Arch. <i>Associate Professor of Art</i>	5805 Chevy Chase Pkwy.
CALVIN TREXLER KLOPP, A.B., M.D. <i>Assistant Clinical Professor of Surgery</i>	8601 Brandt Pl. Bethesda, Md.
ALVIN KNUDSON, B.S., M.D. <i>Associate in Physical Medicine and Rehabilitation</i>	4104 S. 36th St. Fairlington, Va.
GEORGE MARTIN KOEHL, A.M. <i>Associate Professor of Physics; Assistant Dean in the Junior College</i>	515 Mansfield Rd. Silver Spring, Md.
MYRON LAW KOENIG, Ph.D. <i>Professor of American History; Dean of the Junior College</i>	1611 N. Bryan St. Arlington, Va.
FREDERICK HENRY KOHLOSS, B.S. in M.E., LL.B. <i>Assistant Professor of Mechanical Engineering</i>	5001 Wakefield Rd. Green Acres, Md.
JACOB KOTZ, M.D. <i>Clinical Professor of Obstetrics and Gynecology</i>	2824 Connecticut Ave.
WOLFGANG HERBERT KRAUS, Dr. Jur., S.J.D. <i>Associate Professor of Political Science</i>	3101 Highland Pl.
JOSEPH LEO KRIEGER, M.B.A. <i>Professorial Lecturer in Business Administration</i>	3044 S. Buchanan St. Arlington, Va.
ARNOLD MAYO KRONSTADT, B.M.E. <i>Associate in Mechanical Engineering</i>	5920 Anniston Rd. Bethesda, Md.
LUDWIG CARL KROUTIL, A.B., M.D. <i>Associate in Radiology; Assistant in Roentgenology</i>	516 Domer Ave.
JOSEPH HENRY KRUPA, M.S. <i>Associate Professor of Physical Education for Men</i>	2508 Columbia Pike Arlington, Va.
PHILIP KRUPEN, A.M. <i>Associate in Physics</i>	403 Oneida St. NE.
JOHN HERMAN KUITERT, A.B., M.D. <i>Associate in Physical Medicine and Rehabilitation</i>	908 Erie St. Takoma Park, Md.
FREDERICK CHARLES KURTZ, M.B.A. <i>Instructor in Accounting</i>	3420 25th St. SE.
WILLIAM THURSTON LADY, M.D. <i>Clinical Instructor in Obstetrics and Gynecology</i>	800 Alabama Ave. SE.
FRANCIS LINCOLN LAMBERT, B.S. <i>Instructor in Zoology</i>	3402 Garfield St.
ALFRED ERNEST LAMPE, B.S. <i>Professorial Lecturer on Insurance</i>	5505 Charlcote Rd. Bethesda, Md.

JOHN FRANCIS LATIMER, Ph.D. <i>Associate Professor of Classical Languages and Literatures</i>	3601 Connecticut Ave.
JOHN WILMER LATIMER, JR., M.D. <i>Clinical Instructor in Medicine</i>	1835 I St.
HENRY PRATHER LAUGHLIN, B.S., M.D. <i>Assistant Clinical Professor of Psychiatry</i>	201 Elm St. Chevy Chase, Md.
CARR BARTLESON LAVELL, A.M. <i>Assistant Professor of Sociology; Assistant Dean in the Junior College</i>	4304 16th St. S. Arlington, Va.
CHARLES EDWARD LAW, M.D. <i>Clinical Instructor in Medicine</i>	3348 Valley Dr. Alexandria, Va.
HELEN BENNETT LAWRENCE, A.M. <i>Associate Professor of Physical Education for Women</i>	4268 N. Vacation Lane Arlington, Va.
BOLITHA JAMES LAWS, LL.B., LL.M., LL.D. <i>Adjunct Professor of Law</i>	7 Oxford St. Chevy Chase, Md.
ALFRED HENRY LAWTON, M.D., Ph.D. <i>Assistant Clinical Professor of Medicine</i>	5901 Anniston Rd. Bethesda, Md.
CLARENCE DANIEL LEATHERMAN, Ph.D. <i>Professorial Lecturer in Psychology</i>	3175 13th St. N. Arlington, Va.
JEROME ADDISON LEE, B.S. <i>Lecturer in Electrical Engineering</i>	3804 Kanawha St.
JOHN GORDON LEE, A.B., M.D., C.M., MED. SC.D. <i>Adjunct Clinical Professor of Surgery</i>	Gatewood Ave. Burnt Mills Hills, Md.
CHESTER ELWOOD LEESE, Ph.D. <i>Professor of Physiology</i>	704 Butternut St.
OSCAR LEGAULT, A.B., M.D. <i>Clinical Instructor in Neurology</i>	1461 Girard St.
LUBIN POE LEGGETTE, A.M. <i>Associate Professor of Speech</i>	1505 Timber Lane Falls Church, Va.
WOLFRAM KARL LEGNER, Ph.D. <i>Associate Professor of German</i>	4401 First Rd. S. Arlington, Va.
RICHARD MARACHE LEIGHTON, Ph.D. <i>Lecturer in History</i>	4900 Russell Ave.
THOMAS MILES LEONARD, Ph.B., M.D. <i>Clinical Instructor in Obstetrics and Gynecology</i>	2501 33d St. SE.
GORDON SPARKS LETTERMAN, A.B., B.S., M.D. <i>Clinical Instructor in Surgery</i>	2501 Southern Ave.
EDWARD LEWIS, M.D. <i>Clinical Professor of Pediatrics</i>	2820 Connecticut Ave.
EDWIN LEWIS, M.B.A. <i>Professorial Lecturer in Accounting</i>	3500 14th St.



WILLIAM LEWIS, M.D. <i>Clinical Instructor in Medicine</i>	1600 45th St.
CLYDE LINDLEY, A.M. <i>Lecturer in Psychology</i>	3053 S. Columbus St. Fairlington, Va.
CALVIN DARLINGTON LINTON, Ph.D. <i>Professor of English Literature; Assistant Dean of Columbian College</i>	4711 17th St. N. Arlington, Va.
*RUTH COYNER LITTLE, Ph.D. <i>Professorial Lecturer in Education</i>	6 Wessex Rd. Silver Spring, Md.
JAMES WALLING LONG, M.D. <i>Clinical Instructor in Medicine</i>	1821 Q St.
JOSEPH MICHAEL LO PRESTI, B.S., M.D. <i>Assistant Professor of Pediatrics</i>	5720 Chillum Heights Dr. Hyattsville, Md.
LOUIS LOSS, B.S., LL.B. <i>Professorial Lecturer in Law</i>	10105 McKenney Ave. Silver Spring, Md.
SAMUEL DENNIS LOUBE, A.B., M.D. <i>Clinical Instructor in Medicine</i>	9312 Harvey Rd. Silver Spring, Md.
REGINALD SPENCER LOURIE, M.D. <i>Associate in Pediatrics—Psychiatry</i>	505 W. Thornapple St. Chevy Chase, Md.
PHILIP HAMPTON LOVE <i>Lecturer in Journalism</i>	3015 Beech St.
VICTOR FREDERICK LUDEWIG, A.B., B.S. <i>Superintendent of the University Hospital</i>	4712 River Rd.
FLORENCE MARY LUMSDEN, A.M., Ed.D. <i>Lecturer in Education</i>	8 Park View Rd. Chevy Chase, Md.
JOHN HUGH LYONS, M.S., M.D. <i>Clinical Professor of Surgery</i>	1325 New Hampshire Ave.
ROSS CLAYTON MacCARDLE, Ph.D. <i>Professorial Lecturer in Anatomy</i>	National Cancer Institute Bethesda, Md.
GORDON RHODES MacDONALD, B.S., M.D. <i>Clinical Instructor in Urology</i>	4622 Livingston Rd. SE.
SALLY STEELE MacDONALD, A.B. M.D. <i>Associate University Physician</i>	4622 Livingston Rd. SE.
FRANK GOODNOW MacMURRAY, A.B., M.D. <i>Clinical Instructor in Medicine</i>	2224 Decatur Pl.
PAUL BUDD MAGNUSON, M.D. <i>Adjunct Clinical Professor of Surgery</i>	3121 O St.
GEORGE MAKSIM, M.D., M.S. in PED. <i>Assistant Clinical Professor of Pediatrics</i>	4907 Tilden St.
BENJAMIN MANCHESTER, M.D. <i>Assistant Clinical Professor of Medicine</i>	1701 Varnum St.
HAROLD GEORGE MANDEL, Ph.D. <i>Assistant Research Professor of Pharmacology</i>	2512 Q St.

\* On leave of absence 1951-52.



FREDERICK JUSTIN MANN, A.M. <i>Lecturer in Political Science</i>	1261 New Hampshire Ave.
JOHN BAYNE MARBURY, M.D. <i>Clinical Instructor in Medicine</i>	3724 Davenport St.
ELLIOTT DEJARNETTE MARSHALL, LL.B. <i>Adjunct Professor of Law</i>	Front Royal, Va.
SHIRLEY SUE MARTIN, M.D. <i>Clinical Instructor in Obstetrics and Gynecology</i>	2120 16th St.
CLOYD HECK MARVIN, Ph.D., LL.D. <i>President of the University</i>	The University
JOHN RUSSELL MASON, B.S. IN L.S., A.M. <i>Librarian; Curator of Art</i>	2017 I St.
LOUIS HARKEY MAYO, B.S., LL.B. <i>Assistant Professor of Law; Secretary of the Law School</i>	2815 S. Abingdon St. Arlington, Va.
WILLIAM GRAY McCARTEN, M.S. <i>Instructor in Bacteriology</i>	2 Ewing Court Bethesda, Md.
MURIEL HOPE McCLANAHAN, Ph.D. <i>Assistant Professor of English</i>	2230 California St.
WILLIAM STANLEY McCUNE, A.B., M.D. <i>Associate Clinical Professor of Surgery</i>	5610 Moorland Lane Bethesda, Md.
JAMES JERRY McFARLAND, JR., B.S., M.D. <i>Clinical Instructor in Oto-rhino-laryngology</i>	1150 Connecticut Ave.
JASPER WAYNE McFARLAND, B.S., M.D. <i>Clinical Instructor in Physical Medicine and Rehabilitation</i>	1310 Erskine St. Takoma Park, Md.
EDWARD CLIFFORD McGARRY, A.B., M.D. <i>Assistant Professor of Pathology</i>	11525 Grandview Ave. Silver Spring, Md.
JOHN PHILLIP McGOVERN, B.S., M.D. <i>Assistant Professor of Pediatrics</i>	7421 Lynnhurst St. Chevy Chase, Md.
LEWIS WALKER McILHANY, M.S., M.D. <i>Clinical Instructor in Public Health Practice</i>	McLean, Va.
JOHN ALBERT McINTIRE, A.B., LL.B. <i>Professorial Lecturer in Law</i>	17 Carvel Rd. Westmoreland Hills, Md.
PRESTON ALEXANDER McLENDON, B.S., M.D. <i>Professor of Pediatrics</i>	2146 Wyoming Ave.
JOHN McNERNEY, M.D. <i>Associate in Neurological Surgery</i>	8205 Grubb Rd. Silver Spring, Md.
HENRY JOHN RUSSELL McNITT, B.S. IN MED., M.D. <i>Associate in Obstetrics and Gynecology</i>	418 Willard Ave. Chevy Chase, Md.
ROBERT OSBORN MEAD, A.M. <i>Lecturer in History</i>	1819 M St.
FLORENCE MARIE MEARS, Ph.D. <i>Professor of Mathematics</i>	7304 Hampden Lane Bethesda, Md.

ROBERT RANDAL MEIJER, Ph.D. <i>Associate Professor of Physics</i>	1019 21st St. S. Arlington, Va.
ROBERTO DANIEL MELÉNDEZ, A.B. <i>Associate in Spanish</i>	405 Delafield Pl.
WILLIAM CAREY MELOY, M.D., M.S. IN MED. <i>Associate in Surgery</i>	2019 R St.
MAURICE MENSCH, M.D. <i>Clinical Instructor in Medicine</i>	1730 I St.
WILLIAM RAYMOND MERCHANT, A.B., M.D. <i>Clinical Instructor in Medicine</i>	4621 N. 22d Rd. Arlington, Va.
*LEROY SORENSON MERRIFIELD, A.B., LL.B., M.P.A. <i>Associate Professor of Law</i>	1422 Martha Custis Dr. Alexandria, Va.
HOWARD MAXWELL MERRIMAN, Ph.D. <i>Professor of American Diplomatic History</i>	1436 36th St.
RUDOLPH MICHEL, M.S. IN M.E. <i>Lecturer in Mechanical Engineering</i>	6518 40th Ave. University Park, Md.
HAAREN ALBERT MIKLOFSKY, B.C.E., M.ENG., D.ENG. <i>Assistant Professor of Civil Engineering</i>	8127 14th Ave. Hyattsville, Md.
ALBERT RAYMOND MILLER, JR., A.M. <i>Assistant Professor of Economics</i>	1308 19th St.
ARTHUR SELWYN MILLER, A.B., LL.B. <i>Lecturer in Law</i>	1240 27th St.
FRANK NELSON MILLER, B.S., M.D. <i>Assistant Professor of Pathology</i>	2222 I St.
LEONARD MILLER, A.M. <i>Lecturer in Psychology</i>	1760 Euclid St.
RALPH BREITNEY MILLER, M.D. <i>Associate in Medicine</i>	3825 Woodley Rd.
JOHN MINOR, A.B., M.D. <i>Associate in Medicine</i>	2030 R St.
JOHN MITCHELL, M.D. <i>Instructor in Surgery</i>	1335 H St.
REGINALD HENRY MITCHELL, M.D. <i>Clinical Instructor in Pediatrics</i>	7824 Wisconsin Ave. Bethesda, Md.
DANIEL BRUCE MOFFETT, A.B., M.D. <i>Professor of Oto-rhino-laryngology</i>	4344 Hawthorne St.
MARY MILLS MONIER, Ph.D. <i>Assistant Professor of Biochemistry</i>	4801 Connecticut Ave.
GEORGE EDWARD MONK, A.B., LL.B., LL.M. <i>Professorial Lecturer in Law</i>	10 Franklin St. Kensington, Md.
ROBERT HAMILTON MOORE, Ph.D. <i>Associate Professor of English Composition</i>	2800-B 16th Rd. S. Arlington, Va.

\* On leave of absence fall term 1951-52.

CECIL WENTWORTH MORGAN, Ph.D. <i>Professorial Lecturer in Physical Education</i>	4826 28th St. S. Arlington, Va.
JAMES WARD MORRIS A.B. <i>Adjunct Professor of Law</i>	Westchester Apts.
WILLIAM ROSS MORRIS, M.D. <i>Associate in Surgery</i>	3040 Garrison St.
EDITH ELIZABETH MORTENSEN, Ph.D. <i>Associate Professor of Zoology</i>	4444 Faraday Pl.
JAMES NORMAN MOSÉL, A.M. <i>Assistant Professor of Psychology</i>	3600 Cameron Mills Rd. Alexandria, Va.
VERA LILLIAN MOWRY, Ph.D. <i>Assistant Professor of English</i>	1809 G St.
CHESTER LEWIS MOYE, B.S. in E.E. <i>Lecturer in Electrical Engineering</i>	2728 Washington Ave. Chevy Chase, Md.
LOUIS PAT MUNAN, M.S. <i>Associate in Physiology</i>	1411 Kanawha St. Hyattsville, Md.
SAM CLARK MUNSON, M.S. <i>Assistant Professor of Biology</i>	7761 Emerson Rd. Hyattsville, Md.
JAMES OLIVER MURDOCK, Ph.B., LL.B. <i>Professor of Law</i>	1824 23d St.
JAMES PETER MURPHY, B.S., M.D. <i>Associate in Neurological Surgery</i>	1911 R St.
FRANCIS JAMES MURRAY, A.B., M.D. <i>Clinical Instructor in Medicine</i>	5710 Huntington Pkwy. Bethesda, Md.
FRANK HAMMETT MYERS, LL.B., LL.M. <i>Adjunct Professor of Law</i>	3754 McKinley St.
JOHN SAMUEL MYERS, Ph.D. <i>Lecturer on Public Administration</i>	7509 Lynn Dr. Chevy Chase, Md.
WALTER KENDALL MYERS, B.S., M.D. <i>Assistant Clinical Professor of Medicine</i>	3011 45th St.
WILLIAM HENRY MYERS, A.M. <i>Professor of Physical Education for Men</i>	315 Whittier St.
CHARLES RUDOLPH NAESER, Ph.D. <i>Professor of Chemistry</i>	172 N. Columbus St. Arlington, Va.
WALTER LEWIS NALLS, B.S., M.D. <i>Associate in Medicine</i>	105 N. Alfred St. Alexandria, Va.
CARMON ROBERT NAPLES, B.S., M.D. <i>Clinical Instructor in Ophthalmology</i>	1746 K St.
CHARLES HENRY NASH, JR., A.B., M.D. <i>Adjunct Clinical Professor of Obstetrics and Gynecology</i>	2513 Arundel Rd. Mt. Rainier, Md.
EDWIN DeFREES NEFF, M.S. <i>Lecturer in Journalism</i>	3723 Holmes Lane Alexandria, Va.
ERWIN ELLIS NELSON, M.D., Ph.D. <i>Adjunct Clinical Professor of Pharmacology</i>	4422 Dittmar Rd. Arlington, Va.



NELS DAVID NELSON, Ph.D. <i>Assistant Professor of Mathematics</i>	1717 19th St.
FRED EVERETT NESSELL, A.B. <i>Registrar; Secretary of the Faculties</i>	4517 Western Ave.
WILLIAM VANCE NESSLY <i>Lecturer in Journalism</i>	518 Missouri Ave.
JULIUS SALEM NEVIASER, A.B., M.D. <i>Assistant Clinical Professor of Orthopedic Surgery</i>	1918 K St.
ALVIN LEROY NEWMYER, LL.B. <i>Adjunct Professor of Law</i>	4000 Cathedral Ave.
JOSEPH NEY, B.S., M.D. <i>Clinical Instructor in Medicine</i>	1801 K St.
PHYLLIS ANNETTE NICHOLS, A.M. <i>Assistant Professor of English</i>	5900 Dalecarlia Pl.
MARGARET MARY NICHOLSON, A.B., M.D. <i>Clinical Professor of Pediatrics</i>	1000 Maryland Ave. NE.
AARON NIMETZ, A.B., M.D. <i>Assistant Clinical Professor of Pediatrics</i>	5501 16th St.
GEORGE NORDLINGER, A.B., M.D. <i>Associate Clinical Professor of Obstetrics and Gynecology</i>	5129 Linnean Ave.
DANIEL REMSEN NORTON, Ph.D. <i>Assistant Professor of Chemistry</i>	1005 Navahoe Dr. Silver Spring, Md.
JOEL NORTON NOVICK, M.S., M.D. <i>Clinical Instructor in Oto-rhino-laryngology</i>	1726 I St.
ROGER O'DONNELL, Jr., A.B., M.D. <i>Associate in Obstetrics and Gynecology</i>	5265 Watson St.
MONTELL ERNEST OGDON, Ph.D. <i>Professorial Lecturer in Business Administration</i>	501 Dorchester Rd. Falls Church, Va.
THOMAS ALVIN O'HALLORAN, B.E.E. <i>Lecturer in Electrical Engineering</i>	223 N. Little Falls Rd. Falls Church, Va.
BENNETT OLSHAKER, A.B., M.D. <i>Clinical Instructor in Pediatrics</i>	4435 35th St.
SAUL CHESTERFIELD OPPENHEIM, A.M., J.D., S.J.D. <i>Professor of Law</i>	3029 O St.
CHARLES WILLIAM ORDMAN, A.B., M.D. <i>Associate in Medicine</i>	1726 M St.
HERMAN ISRAEL ORENTLICHER, A.B., LL.B. <i>Associate Professor of Law</i>	1425 Ft. Stevens Dr.
GILBERT OTTENBERG, A.M., M.D. <i>Associate in Urology</i>	1415 Holly St.
WINFRED OVERHOLSER, A.B., M.D., Sc.D. <i>Professor of Psychiatry</i>	St. Elizabeths Hospital



RICHARD NORMAN OWENS, Ph.D., C.P.A. <i>Professor of Business Administration</i>	3113 Key Blvd. Arlington, Va.
EDWIN PEARSON PARKER III, B.S., M.D. <i>Clinical Instructor in Medicine</i>	1619 30th St.
HOWARD POPE PARKER, A.B., M.D. <i>Associate in Obstetrics and Gynecology</i>	4919 Palisades Lane
KATHERINE ELIZABETH PARKER, A.M., M.D. <i>Clinical Instructor in Obstetrics and Gynecology</i>	"Lebanon" Lorton, Va.
JOHN PARKS, M.S., M.D. <i>Professor of Obstetrics and Gynecology</i>	4410 Dexter St.
LELAND WILBUR PARR, Ph.D. <i>Professor of Bacteriology</i>	4447 Volta Pl.
JOHN HOWELL PEACOCK, B.S., M.D. <i>Associate in Pediatrics</i>	1650 Foxhall Rd.
JED WILLIAMS PEARSON, Jr., A.B., M.D. <i>Clinical Instructor in Obstetrics and Gynecology</i>	1571 44th St.
THOMAS MARTIN PEERY, A.B., M.D. <i>Professor of Pathology; Director of Postgraduate Instruction; Director of Laboratories in Uni- versity Hospital</i>	226 Belle Haven Rd. Alexandria, Va.
THOMAS JOSEPH PEKIN, M.D. <i>Clinical Instructor in Medicine</i>	2650 Wisconsin Ave.
THEODORE PETER PERROS, M.S. <i>Instructor in Chemistry</i>	5825 3d Pl.
LEONARD THEODORE PETERSON, A.B., B.S., M.D. <i>Assistant Clinical Professor of Orthopedic Surgery</i>	3268 Arcadia Pl.
CALVIN WEIR PETTIT, Ph.M. <i>Associate Professor of Speech</i>	3429 Porter St.
BERNATH EUGENE PHILLIPS, Ph.D. <i>Professorial Lecturer in Physical Education</i>	5823 14th St.
EWING LAKIN PHILLIPS, Ph.D. <i>Assistant Professor of Psychology</i>	5703 Jamestown Rd. Hyattsville, Md.
GEORGE PIDA, B.E.E. <i>Lecturer in Electrical Engineering</i>	2004 S. Randolph St. Arlington, Va.
JOSEPH MICHAEL PISANI, A.B., M.D. <i>Associate in Medicine</i>	4310 12th Rd. S. Arlington, Va.
LOIS IRENE PLATT, A.B., M.D. <i>Clinical Instructor in Surgery</i>	1900 F St.
JACQUES JACOBUS POLAK, Ph.D. <i>Professorial Lecturer in Economics</i>	3420 Porter St.
ANDREW GABRIEL PRANDONI, B.S., M.D. <i>Associate in Medicine</i>	2025 I St.

NEEL JACK PRICE, B.S., M.D. <i>Clinical Instructor in Obstetrics and Gynecology</i>	5813 66th Ave. Riverdale, Md.
MAURICE PROTAS, A.B., M.D. <i>Associate in Medicine</i>	4807 Colorado Ave.
MERLE IRVING PROTZMAN, Ph.D. <i>Professor of Romance Languages</i>	2500 S. Eads St. Arlington, Va.
LAWRENCE ELIAS PUTNAM, A.B., M.D. <i>Associate in Medicine</i>	4834 MacArthur Blvd.
PAUL STIRLING PUTZKI, M.D. <i>Clinical Professor of Surgery</i>	1835 I St.
BORIS RABKIN, A.B., M.D. <i>Clinical Instructor in Medicine</i>	1200 Lebanon St. Silver Spring, Md.
HERBERT PERCY RAMSEY, A.B., M.D. <i>Clinical Professor of Obstetrics and Gynecology</i>	3000 Tilden St.
ARNE WILLIAM RANDALL, A.M. <i>Lecturer in Education</i>	235 N. Edison St. Arlington, Va.
CHARLES RAVITSKY, M.S. IN ED. <i>Associate in Physics</i>	1505 Drexel St. Takoma Park, Md.
ADRIAN RECINOS, JR., B.S., M.D. <i>Clinical Instructor in Pediatrics</i>	447 Belleview Dr. Falls Church, Va.
JOHN ALTON REED, A.B., M.D. <i>Assistant Clinical Professor of Medicine</i>	1720 Connecticut Ave.
RAYMOND RAY REED, A.M. <i>Lecturer in Education</i>	3082 S. Woodrow St. Arlington, Va.
WILLIAM JENNINGS REINHART, B.B.A. <i>Associate in Physical Education for Men</i>	1600 S. Barton St. Arlington, Va.
MADALINE KINTER REMMLEIN, Ph.D., J.D. <i>Lecturer in Education</i>	606 Fontaine St. Alexandria, Va.
FREDERICK A. REUTER, M.D. <i>Professor of Urology</i>	5170 Tilden St.
JACK JACOB RHEINGOLD, A.B., M.D. <i>Clinical Instructor in Medicine</i>	1601 Argonne Pl.
CHARLES SYLVANUS RHYNE, LL.B. <i>Professorial Lecturer in Law</i>	730 Jackson Pl.
DAVID LUCIAN RICE, B.S. IN PHAR. <i>Instructor in Hospital Pharmacy</i>	4202 N. Henderson Rd. Arlington, Va.
MARION BALLARD RICHMOND, B.S., M.D. <i>Clinical Instructor in Neurology</i>	5600 26th St. SE.
DUANE CASE RICHTMEYER, A.B., M.D. <i>Clinical Instructor in Surgery</i>	4401 Dexter St.
BARTON WINTERS RICHWINE, M.D. <i>Associate in Obstetrics and Gynecology</i>	3306 Rittenhouse St.
ARCH LOCKHART RIDDICK, B.S., M.D. <i>Clinical Professor of Surgery</i>	2900 Glover Dr.

FLOYD MILLARD RIDDICK, Ph.D. <i>Lecturer in Political Science</i>	Manassas, Va.
HUGO VICTOR RIZZOLI, A.B., M.D. <i>Associate in Neurological Surgery</i>	6915 Massachusetts Ave.
JAMES WILLIS ROBB, A.B. <i>Assistant Professor of Romance Languages</i>	2430 Pennsylvania Ave.
MARY LOUISE ROBBINS, Ph.D. <i>Assistant Professor of Bacteriology</i>	4913 Chevy Chase Blvd. Chevy Chase, Md.
JOSEPH HYRAM ROE, Ph.D. <i>Professor of Biochemistry</i>	1352 Jefferson St.
FLOYD STERLING ROGERS, M.D. <i>Associate in Obstetrics and Gynecology</i>	1150 Connecticut Ave.
GRETCHEN LOUISA ROGERS, Ph.D. <i>Associate Professor of German</i>	2212 I St.
AUSTIN BERTRAM ROHRBAUGH, Jr., M.D. <i>Clinical Instructor in Orthopedic Surgery</i>	4816 Wellington Dr. Bethesda, Md.
RUFUS MARTIN ROLL, A.B., M.D. <i>Associate in Obstetrics and Gynecology</i>	2800 Woodley Rd.
MONROE JAMES ROMANSKY, A.B., M.D. <i>Associate Professor of Medicine</i>	6609 32d Pl.
WALTER JOSEPH ROMEJKO, M.D. <i>Clinical Instructor in Ophthalmology</i>	4926 Westway Dr. Crestview, Md.
BLAKE SMITH ROOT, A.M., Ed.D. <i>Associate Professor of Education</i>	3537 N. Delaware St. Arlington, Va.
MARY CARMAN ROSE, Ph.D. <i>Assistant Professor of Philosophy</i>	3614 Newark St.
MORTON HAROLD ROSE, M.D. <i>Clinical Instructor in Medicine</i>	4721 Blagden Terrace
ARTHUR ROSENBAUM, B.S., M.D. <i>Clinical Instructor in Medicine</i>	1025 Vermont Ave.
MORRIS HIRSH ROSENBERG, A.B., M.D. <i>Clinical Instructor in Medicine</i>	9915 Tenbrook Dr. Silver Spring, Md.
LOUIS ROSS, M.D. <i>Clinical Instructor in Medicine</i>	3923 Massachusetts Ave.
JOHN HOWELL ROWLAND, LL.B. <i>Associate in Physical Education for Men</i>	502 W. Great Falls St. Falls Church, Va.
MARSHALL DE GRAFFENRIED RUFFIN, B.S., M.D. <i>Assistant Clinical Professor of Psychiatry</i>	2015 R St.
RALPH WINDSOR RUFFNER, A.M., Ed.D. <i>Associate Professor of Education</i>	2033 F St.
WILLIAM SAMUEL RUMBOUGH, A.M., Ed.D. <i>Lecturer in Education</i>	3133 Connecticut Ave.



NANCY CAROLYN RUPP, B.S. <i>Instructor in Physical Education for Women</i>	2322 19th St.
ALEXANDER LESUEUR RUSSELL, M.D. <i>Clinical Instructor in Obstetrics and Gynecology</i>	653 Emerson St. NE.
WILLIAM FREDERICK SAGER, Ph.D. <i>Assistant Professor of Chemistry</i>	166 N. Columbus St. Arlington, Va.
THOMAS STONE SAPPINGTON, A.B., M.D. <i>Associate in Medicine</i>	1103 16th St.
MARY KATHERINE LAURENCE SARTWELL, A.B., M.D. <i>Clinical Instructor in Pediatrics</i>	1211 Jefferson St.
LEROY LEE SAWYER, JR., A.B., M.D. <i>Assistant Clinical Professor of Oto-rhino-laryngology</i>	4911 Quebec St.
JOHN WATSON SCHERMERHORN, Ph.D. <i>Assistant Professor of Pharmaceutical Chemistry</i>	841 S. Greenbriar St. Arlington, Va.
WILSON EMERSON SCHMIDT, A.M. <i>Instructor in Economics</i>	1020 Valley Dr. Alexandria, Va.
H. F. ARTHUR SCHOENFELD, A.M. <i>Professorial Lecturer on European Diplomatic History</i>	3301 36th St.
HERBERT HERMANN SCHOENFELD, M.D. <i>Associate Clinical Professor of Surgery</i>	1726 I St.
CYRIL AUGUSTUS SCHULMAN, B.S., M.D. <i>Clinical Instructor in Medicine</i>	1345 Saratoga Ave. NE.
ALVIN RAYMOND SCHWAB, B.S., M.S. IN ENG. <i>Lecturer in Civil Engineering</i>	9110 Bradford Rd. Silver Spring, Md.
RAYMOND SCHWARTZ, A.B., M.D. <i>Clinical Instructor in Medicine</i>	2805 Lee Blvd. Arlington, Va.
KLAUS SCHWARZ, M.D. <i>Associate in Biochemistry</i>	National Institutes of Health Bethesda, Md.
LLOYD VERNON SEARLE, Ph.D. <i>Lecturer in Psychology</i>	111 35th St. SE.
WILLIAM HENRY SEBRELL, JR., M.D. <i>Professorial Lecturer on Nutrition</i>	7119 Marion St. Bethesda, Md.
MYRNA PAULINE SEDGWICK, A.B. <i>Administrative Secretary</i>	2806 36th Pl.
SAM FOSTER SEELEY, B.S., B.M., M.D. <i>Adjunct Clinical Professor of Surgery</i>	1307 Dogwood St.
EDWARD HENRY SEHRT, Ph.D. <i>Professor of German</i>	2811 35th St.
ALVIN SELTZER, B.S., M.D. <i>Clinical Instructor in Medicine</i>	8100 Eastern Ave.



HYMAN DAVID SHAPIRO, M.D. <i>Associate Clinical Professor of Neurology</i>	2025 R St.
GEORGE SHARPE, A.B., M.D. <i>Clinical Instructor in Medicine</i>	4501 Puller Dr. Kensington, Md.
CHRISTOPHER CAMPBELL SHAW, Ph.B., M.D. <i>Associate in Medicine</i>	1108 Dale Dr. Silver Spring, Md.
SAMUEL HAZEN SHEA, M.D. <i>Clinical Instructor in Obstetrics and Gynecology</i>	5033 Glenbrook Terrace
HENRY DAVIDSON SHELDON, Ph.D. <i>Lecturer in Sociology</i>	2821 31st St. SE.
LUTHER SHELDON, Jr., M.D. REAR ADMIRAL, RETIRED, MEDICAL CORPS, UNITED STATES NAVY <i>University Physician</i>	3203 Cleveland Ave.
ERNEST SEWALL SHEPARD, A.M. <i>Professor of English Literature</i>	201 Lawton St. Falls Church, Va.
ERNEST ALFRED WATSON SHEPPARD, M.D., C.M. <i>Clinical Professor of Ophthalmology</i>	1801 K St.
EUGENE HUGHY SHERMAN, Sr., B.S. <i>Associate in Physical Education for Men</i>	3218 Chillum Rd. Mt. Rainier, Md.
DWIGHT EDWARD SHYTLE <i>Lecturer in Electrical Engineering</i>	609 McNeil Rd. Silver Spring, Md.
SAMUEL ALEXANDER SILK, Ph.D., M.D. <i>Associate in Psychiatry</i>	St. Elizabeths Hospital
DUDLEY GRAHAM SKINKER, LL.B. <i>Assistant Clerk of the Trial Practice Court</i>	911 Belvedere Blvd. Silver Spring, Md.
BENJAMIN FRANKLIN SLINGLUFF, B.S. IN E.E. <i>Lecturer in Electrical Engineering</i>	5900 Forest Rd. Cheverly, Md.
RAYMOND STEVENS SMETHURST, B.S., LL.B. <i>Professorial Lecturer in Law</i>	5042 Lowell St.
BENJAMIN WILLIAMS SMITH, Ph.D. <i>Assistant Professor of Biochemistry</i>	1715 N. Nelson St. Arlington, Va.
LYMAN BRADFORD SMITH, Ph.D. <i>Professorial Lecturer on Taxonomy</i>	41 W. Washington St. Kensington, Md.
PAUL KENNETH SMITH, Ph.D. <i>Professor of Pharmacology</i>	4323 Murdock Mill Rd.
WALDO EDWARD SMITH, B.E., M.S. IN C.E. <i>Professorial Lecturer in Civil Engineering</i>	3907 Jocelyn St.
LUTHER HENRY SNYDER, A.B., M.D. <i>Clinical Instructor in Medicine</i>	3640 Everett St.
THOMAS BOOTH SPENCER, A.B., M.D. <i>Associate in Medicine</i>	2120 S. Columbus St. Arlington, Va.

WILLIAM WOODROW STANBRO, M.D. <i>Professor of Radiology</i>	4808 Enfield Rd. Bethesda, Md.
CHARLES BIGELOW STAUFFACHER, A.M. <i>Lecturer on Public Administration</i>	3223 Beech St.
IRA ERNEST STEELE, A.M. <i>Lecturer in Accounting</i>	5077 26th Rd. N. Arlington, Va.
HYMAN ERWIN STEINMAN, M.D. <i>Lecturer in Physiology</i>	5154 34th St.
EDWIN EDWARD STEPHENS, B.S., LL.M. <i>Professorial Lecturer in Accounting</i>	212B N. Glebe Rd. Arlington, Va.
EDWIN LOCKWOOD STEVENS, A.M. <i>Associate Professor of Speech</i>	2711 Terrace Rd. SE.
CHARLES FREDERICK STIEGLER, A.B., M.D. <i>Clinical Instructor in Pediatrics</i>	330 S. Virginia Ave. Falls Church, Va.
JOSEPH WILLIAM STILL, M.D., M.P.H. <i>Assistant Professor of Physiology</i>	Route 1 Sterling, Va.
*JONATHAN DAYTON STODDART, A.M. <i>Instructor in Political Science</i>	4508 S. 34th St. Fairlington, Va.
MYER HAROLD STOLAR, B.S., M.D. <i>Associate in Medicine</i>	2913 M St.
GEORGE WINCHESTER STONE, JR., Ph.D. <i>Professor of English Literature</i>	4 Buchanan St. McLean, Va.
KARL ERNEST STROMSEM, Ph.D. <i>Professorial Lecturer on Public Administration; Adviser on Government Intern Scholarships</i>	4717 Quebec St.
DONALD HARRISON STUBBS, A.M., M.D. <i>Clinical Professor of Anesthesiology</i>	305 Mansion Dr. Alexandria, Va.
SAMUEL JACOB NATHAN SUGAR, PHAR.G., M.D. <i>Clinical Instructor in Medicine</i>	4218 28th St. Mt. Rainier, Md.
NORMAN ALFRED SUGARMAN, A.B., LL.B. <i>Lecturer in Law</i>	4327 44th St.
RAFAEL SUPERVÍA, DOCTOR EN DERECHO <i>Assistant Professor of Spanish</i>	3879 Rodman St.
EDITH SHORES SURREY, A.M. <i>Instructor in Speech</i>	8900 Walden Rd. Silver Spring, Md.
HAROLD GRIFFITH SUTTON, M.S. <i>Professor of Finance; Director of Admissions</i>	105 W. Underwood St. Chevy Chase, Md.
CELIA WHITE TABOR, A.B., M.D. <i>Clinical Instructor in Medicine</i>	4 North Dr. Bethesda, Md.
SAMUEL ROSS TAGGART, M.D. <i>Assistant Clinical Professor of Medicine</i>	3269 Worthington St.

\* On military leave effective February 4, 1951.

- IRENE GORSKI TAMAGNA, M.D.  
*Clinical Instructor in Medicine* 4709 Montgomery Lane  
Bethesda, Md.
- MARJORIE TATE, A.M.  
*Assistant Professor of Physical Education for Women* 3726 Connecticut Ave.
- NORMAN TAUB, B.S., M.D.  
*Associate in Psychiatry* 3742 Appleton St.
- JAMES HENRY TAYLOR, Ph.D.  
*Professor of Mathematics* Route 5  
Rockville, Md.
- ROBERT GEORGE TAYLOR, M.D.  
*Clinical Instructor in Medicine* 1603 Van Buren St.
- ELMER WALLACE TEAGARDEN, B.S. IN E.E.  
*Lecturer in Civil Engineering* 2034 21st St. N.  
Arlington, Va.
- WILLIAM DANDRIDGE TERRELL, Jr., M.D.  
*Clinical Instructor in Obstetrics and Gynecology* 5082 Lowell St.
- JOHN NEWELL TEVIS, A.M.  
*Associate in Physics* 2502 Lee Hwy.  
Arlington, Va.
- LAWRENCE JAY THOMAS, B.S., M.D.  
*Associate in Medicine* 8019 Eastern Ave.  
Silver Spring, Md.
- CHARLES WATERS THOMPSON, M.D.  
*Clinical Instructor in Medicine* 1851 Columbia Rd.
- RICHARD KNIGHT THOMPSON, D.D.S.  
*Associate in Dental Surgery* 1835 I St.
- RONALD BETTES THOMPSON, A.B.  
*Assistant Professor of European History* 2127 California St.
- THOMAS CARLTON THOMPSON, B.S., M.D.  
*Clinical Professor of Urology* 2032 16th St.
- EDWARD KADEN TIERNEY, A.B., M.D.  
*Clinical Instructor in Surgery* 7243 Forrest Rd.  
Hyattsville, Md.
- GEORGE TIEVSKY, M.D.  
*Clinical Instructor in Radiology* 2730 Wisconsin Ave.
- JOHN ALBERT TILLEMA, Ph.D., LL.M., S.J.D.  
*Professor of Political Science* 1903 N. Harvard St.  
Arlington, Va.
- LOUIS WILLIAM TORDELLA, Ph.D.  
*Lecturer in Mathematics* 3620 39th St.
- WILLIAM GEORGE TORPEY, Ph.D.  
*Lecturer on Public Administration* 810 Grandview Dr.  
Alexandria, Va.
- KATHRYN MILDRED TOWNE, A.M.  
*Associate Professor of Home Economics* 2150 Pennsylvania Ave.
- FRANCIS GERALD TOYE, B.S. IN E.E., LL.B.  
*Professorial Lecturer in Law* 1817 Sudbury Rd.
- CARLETON RAYMOND TREADWELL, Ph.D.  
*Associate Professor of Biochemistry* Lee Gardens  
Arlington, Va.
- JOHN WATKINS TRENIS, A.B., M.D.  
*Associate in Medicine* 1150 Connecticut Ave.



- |   |   |
|---|---|
| ROBERT GAY TRUMBULL, B.S. IN C.E.<br><i>Associate Professor of Mechanical Engineering</i>                                 | 3705 Gunston Rd.<br>Alexandria, Va.     |
| FRED SALISBURY TUPPER, Ph.D.<br><i>Professor of English Literature</i>  | 2320 N. Vernon St.<br>Arlington, Va.    |
| WILLIAM LEWIS TURNER, A.M.<br><i>Associate Professor of English; Assistant Dean<br/>of the Junior College</i>             | 8608 Carroll Ave.<br>Silver Spring, Md. |
| CURTIS EDWARD TUTHILL, Ph.D.<br><i>Associate Professor of Psychology</i>  | 5612 24th St. N.<br>Arlington, Va.      |
| HARRIET ELIZABETH TWOMBLY, A.B., M.D.<br><i>Associate in Psychiatry</i>   | St. Elizabeths Hospital                 |
| BENJAMIN DOUGLASS VAN EVERA, Ph.D.<br><i>Professor of Chemistry; Coordinator of Scientific<br/>Activities</i>             | 2124 I St.                              |
| HOMER KING VANN, A.B., M.D.<br><i>Clinical Instructor in Oto-rhino-laryngology</i>  | 1811 Sudbury Rd.                        |
| ALBERTO VÁZQUEZ, Ph.D.<br><i>Lecturer on Spanish American Literature</i>  | 5721 11th Rd. N.<br>Arlington, Va.      |
| ROBERT CORBIN VINCENT, Ph.D.<br><i>Associate Professor of Chemistry</i>   | 1705 Surrey Lane                        |
| WILLIAM VORENBERG, A.M.<br><i>Instructor in Speech</i>  | 2106 F St.                              |
| DOROTHY EMILY VOSS, Ed.B., R.P.T.T.<br><i>Assistant in Physical Medicine</i>  | 2223 H St.                              |
| LUVERNE CRABTREE WALKER, A.M.<br><i>Lecturer in Education</i>   | P. O. Box 411<br>Alexandria, Va.        |
| DONALD WALTERS, M.D.<br><i>Clinical Instructor in Obstetrics and Gynecology</i>   | 2440 16th St.                           |
| CARL HUGO WALTHER, B.E., M.C.E.<br><i>Professor of Civil Engineering; Assistant Dean<br/>of the School of Engineering</i> | 1337 27th St.                           |
| ROBERT ORR WARTHEN, M.D.<br><i>Clinical Instructor in Pediatrics</i>  | 3 W. Everett St.<br>Kensington, Md.     |
| JOHN AUGUSTINE WASHINGTON, A.B., B.S.,<br>M.D.<br><i>Assistant Clinical Professor of Pediatrics</i>                       | 5059 Glenbrook Terrace                  |
| DONALD STEVENSON WATSON, Ph.D.<br><i>Professor of Economics</i>   | 4201 Massachusetts Ave.                 |
| JAMES WINSTON WATTS, B.S., M.D.<br><i>Professor of Neurological Surgery</i>   | 4661 Garfield St.                       |
| DAVID BENSON WEAVER, A.B., LL.B.<br><i>Assistant Professor of Law</i>   | 121 N. Wayne St.<br>Arlington, Va.      |



WILLIAM JACK WEAVER, JR., A.B., M.D. <i>Clinical Instructor in Medicine</i>	3721 Holmes Lane Alexandria, Va.
GEORGE DAVIS WEICKHARDT, M.D. <i>Clinical Instructor in Neurology</i>	St. Elizabeths Hospital
FRANK MARK WEIDA, Ph.D. <i>Professor of Statistics</i>	7130 Hampden Lane Bethesda, Md.
JACOB JOSEPH WEINSTEIN, B.S., PHAR.G., M.D. <i>Associate in Surgery</i>	2248 Washington Ave. Silver Spring, Md.
MERLE TALMADGE WELSHANS, A.M. <i>Assistant Professor of Business Administration</i>	4 Manchester Pl. Silver Spring, Md.
WARREN REED WEST, Ph.D. <i>Professor of Political Science; Dean of the Division of Special Students</i>	5020 Sedgwick St.
HARLAND WESTERMANN, A.B. <i>Instructor in Geography</i>	1728 Varnum St.
*GLEN EARL WESTON, B.S., LL.B. <i>Assistant Professor of Law</i>	1515 Tyler Ave. Falls Church, Va.
JOACHIM WEYL, Ph.D. <i>Lecturer in Mathematics</i>	Route 3 Fairfax, Va.
RUTH HECHLER WICHELHAUSEN, M.D. <i>Associate in Medicine</i>	2231 California St.
ALLEN WIDOME, M.D. <i>Clinical Instructor in Anesthesiology</i>	2800 Woodley Rd.
FREDERICK BERNAYS WIENER, Ph.B., LL.B. <i>Lecturer in Law</i>	1900 F St.
UTHAI VINCENT WILCOX II, M.D. <i>Clinical Instructor in Radiology</i>	6629 31st Pl.
ALVA CURTIS WILGUS, Ph.D. <i>Professor of Latin American History</i>	3021 Cambridge Pl.
RICHARD WALLACE WILKINSON, M.S., M.D. <i>Associate in Ophthalmology</i>	1419 Whittier St.
WENDELL MELVIN WILLETT, M.D. <i>Associate in Dermatology and Syphilology</i>	4000 Cathedral Ave.
EARL LARKIN WILLIAMS, A.M. <i>Lecturer in Mathematics</i>	P. O. Box 177 Gaithersburg, Md.
EDITH LOUISE WILLIAMS, A.M. <i>Instructor in English Composition</i>	4720 32d St. N. Arlington, Va.
JONATHAN MARSHALL WILLIAMS, M.D. <i>Associate in Neurological Surgery</i>	705 Highland Ave.
MEREDITH CHESTER WILSON, B.S. <i>Adjunct Professor of Education</i>	3005 South Dakota Ave. NE.
THOMAS ASHTON WILSON, M.D. <i>Clinical Instructor in Obstetrics and Gynecology</i>	1150 Connecticut Ave.

\* On leave of absence 1951-52.

IRVING WOLFE WINIK, M.D. <i>Assistant Clinical Professor of Medicine</i>	2111 Bancroft Pl.
CHARLES SAMUEL WISE, B.S., M.D. <i>Professor of Physical Medicine and Rehabilitation</i>	3528 Davenport St.
*WILLIAM ADRIANCE WITHINGTON, A.M. <i>Instructor in Geography</i>	1426 21st St.
HERBERT DeGRANGE WOLFF, Jr., M.D. <i>Clinical Instructor in Urology</i>	2 Fort Drive Alexandria, Va.
KARL HAYDEN WOOD, Ph.G., D.D.S. <i>Associate in Dental Surgery</i>	Bronson Dr. Route 3 Bethesda, Md.
REUBEN ESSELSTYN WOOD, Ph.D. <i>Assistant Professor of Chemistry</i>	172 N. Columbus St. Arlington, Va.
SAMUEL NATHANIEL WRENN, Ph.D. <i>Professor of Chemistry</i>	3130 5th St. N. Arlington, Va.
ALVIN CHARLES WYMAN, A.B., M.D. <i>Clinical Instructor in Radiology</i>	5445 28th St.
LEON YOCHELSON, A.B., M.D. <i>Assistant Clinical Professor of Psychiatry</i>	2964 Newark St.
LAWSON EDWIN YOCUM, Ph.D. <i>Professor of Botany</i>	4509 Western Ave.
DONNELL BROOKS YOUNG, Ph.D. <i>Professor of Zoology</i>	7128 Hampden Lane Bethesda, Md.
JOHN PAUL YOUNG, M.D. <i>Clinical Instructor in Medicine</i>	2928 S. Buchanan St. Arlington, Va.
RALPH AUBREY YOUNG, M.B.A., Ph.D. <i>Professorial Lecturer in Economics</i>	2836 Chesapeake St.
MATTHEW ZUNIC, B.S. <i>Associate in Physical Education for Men</i>	3334 Lancer Dr. Hyattsville, Md.

## SEMINAR LECTURERS

## PHARMACY

WILLIAM PAUL BRIGGS, M.S., Sc.D. <i>Professorial Lecturer on Pharmacy Training</i>	6600 7th St.
FREDERICK JOHN CULLEN, PhAR.G., M.D. <i>Professorial Lecturer on Drug Manufacture</i>	810 18th St.
ROBERT PHILIP FISCHER, B.S., PhAR.D., Sc.D. <i>Professorial Lecturer on Pharmaceutical Organizations</i>	2215 Constitution Ave.
CARSON PETER FRAILEY, PhAR.D., Sc.D. <i>Professorial Lecturer on Industrial Pharmacy</i>	3704 Livingston St.

\* On leave of absence fall term 1951-52.

JAMES ALBERT HORTON, LL.B. <i>Professorial Lecturer on Drug Trade Regulations</i>	Westchester Apts.
JOHN CHRISTIAN KRANTZ, JR., PH.D. <i>Professorial Lecturer on Pharmaceutical Research</i>	Ellingham Rd. Ruxton, Md.
GEORGE POTTER LARRICK <i>Professorial Lecturer on Drug Control</i>	4841 30th St. N. Arlington, Va.
JUSTIN LAWRENCE POWERS, PH.D. <i>Professorial Lecturer on Official Drug Standards</i>	833 S. Barton St. Arlington, Va.
DANIEL LAMONT SECKINGER, M.D., DR.P.H. <i>Professorial Lecturer on Hygiene and Sanitation</i>	4923 Sedgwick St.
ROBERT LEE SWAIN, PHAR.D., LL.B. <i>Professorial Lecturer on Contemporary Pharmacy</i>	330 W. 42d St. New York City

## MEDICINE

CHARLES ARMSTRONG, B.S., M.D., Sc.D. <i>Professorial Lecturer in Preventive Medicine</i>	7005 Meadow Lane Chevy Chase, Md.
JAMES EARLE ASH, JR., M.D. <i>Professorial Lecturer in Pathology</i>	8403 Dixon Ave. Silver Spring, Md.
SARA ELIZABETH BRANHAM, PH.D., M.D. Sc.D. <i>Professorial Lecturer in Preventive Medicine</i>	5523 Johnson Ave. Bethesda, Md.
CARL ROBERT BREWER, PH.D. <i>Professorial Lecturer on Microbial Physiology</i>	Frederick, Md.
ROBERT CARTER COOK <i>Professorial Lecturer on Medical Genetics</i>	1507 M St.
ROLLA EUGENE DYER, A.B., M.D., LL.D. <i>Professorial Lecturer in Preventive Medicine</i>	12 North Dr. Bethesda, Md.
CHESTER WILSON EMMONS, PH.D. <i>Professorial Lecturer on Medical Mycology</i>	Route 5 Rockville, Md.
ROBERT HANNA FELIX, M.D., M.P.H. <i>Professorial Lecturer on Mental Hygiene</i>	5802 Roosevelt St. Bethesda, Md.
WALLACE HARRY GRAHAM, B.S., M.D. <i>Professorial Lecturer in Surgery</i>	The White House
JOHN RODERICK HELLER, JR., B.S., M.D. <i>Professorial Lecturer on Venereal Disease Control</i>	8615 Lynnbrook Dr. Bethesda, Md.
ELSON BOWMAN HELWIG, B.S., M.D. <i>Professorial Lecturer in Pathology</i>	14 West Maple St. Alexandria, Va.
CARL JOHN LAUTER, M.S. <i>Professorial Lecturer on Municipal Sanitation</i>	5902 Dalecarlia Pl.
ELIZABETH MAPLES DEN RAMSEY, A.B., M.D. <i>Professorial Lecturer in Pathology</i>	3420 Q St.
HENRY RAPPAPORT, M.D. <i>Professorial Lecturer in Pathology</i>	2130 Taft St. N. Arlington, Va.



ROYD RAY SAYERS, A.M., M.D. <i>Professorial Lecturer on Industrial Hygiene</i>	1539 29th St.
HANS FRANK SMETANA, M.D. <i>Professorial Lecturer in Pathology</i>	6100 14th St.
NORMAN HAWKINS TOPPING, A.B., M.D. <i>Professorial Lecturer on Rickettsial Diseases</i>	10 North Dr. Bethesda, Md.
WILLARD HULL WRIGHT, D.V.M., Ph.D. <i>Professorial Lecturer on Medical Zoology</i>	6624 32d Pl.
CLARK HARVEY YEAGER, M.D., Dr.P.H. <i>Professorial Lecturer on Tropical Medicine</i>	13 Midvale Rd. Baltimore, Md.

## ASSISTANTS

## ASSISTANTS IN RESEARCH AND INSTRUCTION

EILEEN DENNEY ALLEN, A.M. <i>Teaching Fellow in English</i>	3550 Martha Custis Dr. Alexandria, Va.
JAMES WILLIAM BINCKLEY <i>Teaching Fellow in Mechanical Engineering</i>	5411 20th Pl. Hyattsville, Md.
JAMES EDGAR BYRON, A.B. <i>Research Associate in Obstetrics and Gynecology</i>	3539 Williamsburg Lane
ESTON ROBERT CALDWELL, B.S., M.D. <i>Research Fellow in Medicine (Infectious Diseases)</i>	109 Lynnwood St. Alexandria, Va.
CHARLOTTE MOOAR DAMRON, M.S. <i>Teaching Fellow in Biochemistry</i>	3685 38th St.
JAMES LEON GARGUS, B.S. <i>King Teaching Fellow in Biology</i>	3519 Dent Pl.
MARVIN IRVING GOTTLIEB, M.S. <i>King Teaching Fellow in Biology</i>	510 Four Mile Rd. Alexandria, Va.
JANET WILSON HARTLEY, B.S. <i>Sanders Fellow in Bacteriology</i>	3513 Idaho Ave.
FRANKLIN POWELL HILLMAN, A.M. <i>Fellow in History</i>	2134 N. Upton St. Arlington, Va.
SALARD JUNHAVAT, B.M. <i>Fellow in Anesthesiology</i>	University Hospital
PAULA REINES KAISER, M.B., Ch.B., M.D. <i>Fellow in Anesthesiology</i>	5320 Moorland Lane Bethesda, Md.
JOHN McRAE KENNELLY, Jr., M.D. <i>Fellow in Surgery</i>	Presidential Gardens Alexandria, Va.
FRANCOIS LARAMÉE, A.B., M.D. <i>Fellow in Pulmonary Diseases</i>	3010 Wisconsin Ave.
AHMED MEHBOD, LL.M. <i>Fellow in Political Science</i>	2029 G St.
ISMAEL MEJÍA, M.D. <i>Fellow in Neurology</i>	1320 19th St.



NORMA RICH METZNER, A.B. <i>Teaching Fellow in Psychology</i>	306 Livingston Terrace SE.
LOUIS JOSEPH MICHINI, M.S. <i>Sanders Fellow in Bacteriology</i>	7542 12th St.
RAY LAMBERT MILLER, B.S., M.D. <i>Fellow in Cardiology</i>	4250 S. 35th St. Arlington, Va.
WARREN GODFREY PREISSER, A.B., M.D. <i>Teaching Fellow in Pediatrics</i>	6402 Elliott Pl. Hyattsville, Md.
RAYMOND HOWARD RENO, A.B. <i>Teaching Fellow in English</i>	1218 Perry St. NE.
CHARLES HERBERT SPENCER, Jr., B.S., M.D. <i>Fellow in Anesthesiology</i>	2223 H St.
CHARLES TODD STEWART, Jr., A.M. <i>Sanders Teaching Fellow in Economics</i>	5617 Ruatan St. Berwyn, Md.
TZE-TUNG TANG, M.S. <i>Sanders Fellow in Biochemistry</i>	2311 Massachusetts Ave.
BERTHA ELIZABETH VAN GELDEREN, A.B., M.D. <i>Teaching Fellow in Pediatrics</i>	505 Domer Ave. Takoma Park, Md.
ASHER WOLDOW, A.B., M.D. <i>Fellow in Cardiology</i>	1335 H St.
ORLYN HILL WOOD, B.S., M.D. <i>Research Fellow in Cardiology</i>	1032 N. Calvert St. Baltimore, Md.

## TECHNICAL ASSISTANTS

JOAN RUTH BACCHUS <i>Technician-Secretary in Anatomy</i>	809 Otis Pl.
RUDOLPH BAILEY <i>Stockroom Clerk in Chemistry</i>	112 W. Cameron Rd. Falls Church, Va.
VIRGINIA LEE BLACKFORD, B.S. <i>Technician in Bacteriology</i>	1321 Fairmont St.
JAMES CRAWFORD BRUCE <i>Laboratory Assistant in the Medical School</i>	220 Ridge Rd. SE.
SIDNEY FUTTERMAN, B.S. <i>Technician in Biochemistry</i>	2806 Ulman Ave. Bethesda, Md.
JOHN CHRISTIAN GALL, Jr. <i>Technician in Anatomy</i>	3506 Macomb St.
JANINA MARIA GORCZYCA <i>Technician in Neurology</i>	1449 Massachusetts Ave.
WINONA SIMONSEN JENSEN, A.B. <i>Laboratory Technician in Medicine</i>	2990 New Castle Ave. Forest Glen, Md.
EDWARD WALTER JYLKKA <i>Stockroom Clerk in Pharmacy</i>	1832 I St.

---

ANN McCLOSKEY <i>Medical Statistician in Neurology</i>	2014 R St.
CLARENCE WILBUR MILLER <i>Technician in Pathology</i>	4010 9th St. NE.
CAYETANO NAGAC, A.B. <i>Technician in Pathology</i>	1911 Pennsylvania Ave.
HARRY ARTHUR ROTH <i>Stockroom Clerk in Chemistry</i>	1014 K St.
CHARLES ARTHUR TOOMPAS, A.M. <i>Technician in Physiology</i>	1776 Massachusetts Ave.
MARGARETTA FROMKE TURPIN <i>Psychologist Statistician in Neurology</i>	5813 Augusta Lane

## ADMINISTRATIVE ASSISTANTS

### OFFICE OF THE PRESIDENT

Jessie Bigelow Martin, A.B., *Editor of Academic Publications*  
Edna Peterson Froehlich, B.S. in Ed., *Secretary to the President*  
Mary Lowrie Norwood, A.B., *Assistant*  
Rose Mary Mayo, *Clerk-typist*

---

Leonard Walton Vaughan, A.M., *Assistant to the President; Personnel Officer (non-academic)*  
Jane Berry, A.M., *Student Placement Assistant*  
Ida May Flinkinger, A.M., *Employment Interviewer*  
Martha Anne Howard Callahan, A.B., *Secretary*  
Mary Laferne Doss Barron, B.S., *Clerk-typist*

---

Frederick Oliver Pinkham, A.M., Ed.D., *Assistant to the President, University Survey Committee*  
Frances Gore Haynes, *Secretary to the University Survey Committee*

### OFFICES OF THE DEANS

Edna Walter Bellows, A.B., *Secretary to the Dean of the Junior College*  
Anna Mary Stevenson Riden, A.B., *Secretary in the Junior College*  
Mary Jane Nelson, A.B., *Secretary in Columbian College*  
Loretta Mary Payne, *Secretary to the Chairman of the Graduate Council*  
Catherine Breen, *Assistant to the Dean of the School of Medicine*  
Anna Marie Bischoff, A.B., *Recording Secretary in the Law School*  
Mona Estelle Keating, *Secretary to the Dean of the Law School*  
Barbara Faith Evans, *Secretary in the Law School*  
Elizabeth Koski Houska, B.B.A., *Secretary to the Dean of the School of Engineering*  
Dorothy Burns Hutzell, *Secretary to the Dean of the School of Pharmacy*  
Nina M. Booth, A.M., *Secretary to the Dean of the School of Education*  
Maureen Larkin Seiple, *Secretary to the Dean of the School of Government*  
Robert Osborn Mead, A.M., *Assistant to the Dean of the Division of University Students*  
Margaret Harlan Olson, *Secretary to the Dean of the Division of University Students*

Elizabeth Anne Freiburghouse, *Secretary in the Division of University Students*  
Nellie Carr Anderson, A.B., *Assistant to the Dean of the Division of Special Students*  
Marcia Frieden Maxwell, A.B., *Secretary in the Division of Special Students*  
Barbara Winifred Northrup, A.M., *Assistant to the Dean of the College of General Studies*  
Mary Rita McCarthy, *Assistant to the Director of the Off-Campus Division of the College of General Studies*  
Jeanne Steelman, *Secretary to the Dean of the College of General Studies*  
Olga Baldrick, *Secretary-receptionist in the College of General Studies*  
Frances Ann Parrish, A.B., *Secretary to the Director of the Summer Sessions*

OFFICE OF THE DIRECTOR OF ADMISSIONS

Adrienne Mann Duffy, A.B., *Assistant to the Director of Admissions*  
Ruth Sinsabaugh Blue, A.B., *Assistant to the Director of Admissions*  
Rhoda Franklin Trumbull, B.F.A., *Evaluator*  
Elizabeth Anne Buser, A.B., *Evaluator*  
Mary Anne Williams Lincoln, *Evaluator*  
Mary MacLeod Addy, B.S., *Admissions Assistant*  
Jane Pennington Hulfish, *Admissions Assistant*  
Sally Witten Meier, A.B., *Admissions Assistant*  
Donna Bennett Potter, *Clerk-typist*

OFFICE OF THE REGISTRAR

Catherine Jackson, *Assistant to the Registrar*  
Barbara Hanby Henshaw, A.B., *Assistant to the Registrar*  
Pearl Grace Gamboa, A.B., *Assistant to the Registrar*  
Jean Gordon Enriquez, B.S., *Transcript Clerk*  
Betty Lou Churchill, A.B., *Transcript Clerk*  
Loreen Webb McDaniel, *Graduation Clerk*  
Olive Simmons Ussery, *Graduation Clerk*  
Nona Clore, A.B., *Graduation Clerk*  
Virginia Rose Schmidt, *Record Clerk*  
Betty Talley Thomas, A.B., *Record Clerk*  
Betty Ann Melvin, A.B., *Record Clerk*  
Leila Anita Bosch, *Statistical Clerk*  
Patricia Jane Jwaideh, *File Clerk*



## THE LIBRARY

James Richards, Jr., B.S. in L.S., A.M., *Assistant Librarian*  
Anna Virginia Appich, A.B., *Assistant Librarian, Ordering*  
Mary Elizabeth Thompson, B.S., B.S. in L.S., *Assistant Librarian, Cataloguing*  
Ella Cooper Thomas, LL.B., *Assistant Librarian, Law Library*  
Sally Brewster Jamieson, A.B., B.S. in L.S., *Assistant Librarian, Medical Library*  
Anne von Ammon, *Assistant, Periodical Room*  
Elsie Lois Cree, A.B., A.B. in L.S., *Assistant, Reserve Book Reading Room*  
Katherine Louis Callahan, A.B., *Assistant, Circulation and Reference*  
Anne Albert Best, *Assistant, Cataloguing*  
Hazel Oliver, A.B., *Assistant, Periodical Room*  
Zelda Davies, *Assistant, Circulation and Reference*  
Laura Ellen Stewart, R.R.L., *Assistant, Medical Library*

## OFFICE OF THE COMPTROLLER

Albert Eldridge Smith, B.C.S., *Accountant*  
John Avis McLaughlin, A.B., *Assistant Comptroller*  
William Morton Jenkins, M.C.S., *Assistant Comptroller*  
Margaret Payne Greene, B.S., *Assistant to the Comptroller*  
Jessie Mae Packett, *Secretary to the Comptroller*  
Billie Childress Plank, A.B., *Secretary*  
Mark Riffey, B.C.S., *Auditor*

## DISBURSING OFFICE

Lamar Lyon Burton, B.S., *Disbursing Officer*  
Beatrice Coffman Warder, *Assistant*  
Virginia Lee Bell, B.S., *Accounting Machine Operator*  
Marie Kauffman Leath, *Voucher Assistant and Accounting Machine Operator*  
Sarah Catherine Troxell, *Payroll Assistant*  
Sheila Elizabeth Campbell, *Accounting Machine Operator*  
Barbara Marie Ball, *Payroll Clerk*

## OFFICE OF THE CASHIER

Joseph Hume Spicer, B.C.S., *Cashier*  
Daniel John Tyrrell, *Assistant Cashier*

William Dewell McCown, A.B., *Assistant Cashier*  
Mary Elizabeth Beck, B.S., *Assistant to the Cashier*  
Nina Jo Hackett, *Assistant*  
Betty Lou George, *Assistant*  
Barbara Terry, *Clerk*

OFFICE OF THE BUSINESS MANAGER

Henrietta Rosenblatt, *Purchasing Assistant*  
Lillian Rebecca Gilroy, *Secretary*  
Angela Rose D'Andrea, *Order Clerk*  
Vincent Duwain Bateman, *Superintendent of Stores*  
George John Janetis, *Supervisor of University Stores*  
Marcus McKay Remington, *Clerk, University Stores*  
George Dewey Eckert, *Superintendent of Shop*  
Patricia Ann Jones, *Clerk, University Shop*  
Lilian Wright Smith, *Garden Consultant*  
Birdie Harris, *Manager of Student Union*  
Karolina Hedler, B.S., *Assistant Manager of Student Union*  
Joan Goldman, *Clerk, University Cooperative Store*  
Margaret Hughes Pfaefflin, *Chief Telephone Operator*  
Dilla Wright, *Telephone Operator*

PUBLIC RELATIONS

Margaret Davis, A.M., *Assistant Director of Public Relations*  
Barbara Guinn, *Staff Writer*  
Thomas Joseph Coleman, *Public Relations Assistant*  
Lois Smith Simpson, A.B., *Assistant to the Director of Public Relations*  
Margaret Esther Royce, *Secretary*

ALUMNI RELATIONS

Sara Ford Dallmeyer Pine, *Assistant Director of Alumni Relations*  
Myrtle Montgomery, *Secretary*  
Betty Byrne, *Record Clerk*

STUDENT ACTIVITIES

Ann MacMillan Wacker, A.B., *Assistant to the Director of Activities for Women*  
Edith Elizabeth Harper, A.B., *Student Activities Assistant*  
Roberta Cregier Lush, *Secretary, Office of the Director of Activities for Men*

Gertrude Mealy, *Secretary, Office of the Director of Activities for Men*  
 Myrtle Leona Dozier, *Stenographer, Office of Director of Activities for Men*

#### INTERCOLLEGIATE ATHLETICS

John Howell Rowland, LL.B., *Head Football Coach*  
 William Jennings Reinhart, B.B.A., *Head Baseball and Head Basketball Coach*  
 Eugene Hughy Sherman, Sr., B.S., *Assistant Football Coach and Freshman Basketball Coach*  
 Matthew Zunic, B.S., *Assistant Basketball Coach*  
 Roger Antaya, A.M., *Assistant Football Coach*  
 Timothy Swett, B.S., *Assistant Football Coach*  
 Mike Monchlovich, B.S., *Athletic Trainer*

#### MUSICAL ACTIVITIES

Robert Howe Harmon, A.B., M.D., *Director of the Glee Club*  
 Grace Ruble Harmon, *Associate Director of the Glee Club*  
 Leon Brusiloff, *Director of The George Washington University Band*

#### VETERANS EDUCATION

Janet Segal Kirshner, A.M., *Counselor and Assistant to the Director of Veterans Education*  
 Virginia Mae Sherard, *Assistant to the Director of Veterans Education*  
 Joan Rockwell Huse, A.B., *Chief Clerk*  
 Denny Virginia Lamb, *Clerk-Typist.*  
 Janet Wildman, *Clerk*

#### RESIDENCE AND SORORITY HALLS

Zoa Van Winkle, B.S., *Hostess in the Hattie M. Strong Residence Hall for Women*  
 Virginia Randolph Kirkbride, A.M., *Hostess in Sorority Hall, 2129 G Street*  
 Frances Wilhelm Shibley, *Hostess, Residence Hall for Women, 2025 H Street*  
 Myrtle Leona Dozier, *Hostess in Sorority Hall, 802 21st Street*

THE UNIVERSITY





## HISTORY AND ORGANIZATION

### HISTORY

The idea of a university located in the Capital of the Nation was sponsored by George Washington, who during his public life urged the establishment of such an institution and who in his will left fifty shares of stock in the Potomac (Canal) Company for the endowment of a university to be established in the District of Columbia "to which the youth of fortune and talents from all parts thereof might be sent for the completion of their Education in all the branches of polite literature;—in arts and Sciences,—in acquiring knowledge in the principles of Politics & good Government".

It was George Washington's hope that the "General Government" would extend toward such an institution "a fostering hand". No steps were taken by Congress to carry out the provision of Washington's will, and the stock that he had bequeathed for the establishment of a university in the District of Columbia became valueless owing to the failure of the Potomac Canal properties.

Meanwhile, however, a movement was started by private persons under the leadership of Luther Rice to establish an institution of higher learning at the seat of the National Government for the education of the Baptist ministry and to afford general collegiate training. In 1819 an association was formed by Luther Rice, Obadiah B. Brown, Spencer H. Cone, and Enoch Reynolds for the purpose of raising funds to buy land for the use of the college.

A group of the Nation's leaders who were especially interested in Washington's idea became patrons of the college and contributed to funds raised for the purchase of land and erection of buildings. Among them were James Monroe, President of the United States; William H. Crawford, Secretary of the Treasury; John C. Calhoun, Secretary of War; William Wirt, Attorney General; Return J. Meigs, Postmaster General; and thirty-two members of the Congress.

Legally to implement the college a petition was made to Congress for the incorporation of "the General Convention of the Baptist Denomination in the District of Columbia for evangelical and literary purposes". This petition was denied by Congress, on April 26, 1820, because of its sectarian character.

Failing to obtain a denominational charter, members of the association enlarged their objective to embrace national aims, and with the sponsorship of Government leaders there was presented in Congress a bill for the incorporation of "the Columbian Society for literary pur-

poses", it being proposed to realize in this way "the aspirations of Washington, Jefferson and Madison for the erection of a university at the seat of the federal government".

Acting upon this second petition, on February 9, 1821, Congress chartered Columbian College in the District of Columbia, inserting in the charter by special action the provision "That persons of every religious denomination shall be capable of being elected Trustees; nor shall any person, either as President, Professor, Tutor or pupil, be refused admittance into said College or denied any of the privileges, immunities or advantages thereof, for or on account of his sentiments in matters of religion".

Thus Columbian College in the District of Columbia was chartered by Congress as one of the early nonsectarian institutions of higher learning in the United States, under the distinguished favor of President James Monroe and members of his Cabinet.

A tract of approximately forty-seven acres, extending about one-half mile northwest of Boundary Street (Florida Avenue) between Fourteenth and Fifteenth Streets, was purchased and by 1822 the main building was completed sufficiently to use.

Two years later, when the first Commencement was held on December 15, 1824, Congress and the Supreme Court adjourned their sessions to enable their members to attend the exercises. President Monroe, John Quincy Adams, John C. Calhoun, Henry Clay, and the Marquis de Lafayette headed the eminent company in attendance.

By an act of Congress of March 3, 1873, the name of the college was changed to "Columbian University", in recognition of the enlarged scope of the institution. In 1884 the University was moved from its first location on "College Hill", now Columbia Heights, to the new University Hall built for it at Fifteenth and H Streets. Near-by buildings accommodated the School of Medicine and, somewhat later, the Law School.

For a period of six years, from 1898 to 1904, the University was placed under control of the Baptist Denomination. In 1904 an act restoring the original secular character of the University and authorizing change of name to The George Washington University was passed by Congress.

Subsequently all the colleges, schools, and divisions of the University except the School of Medicine were brought together in the area bounded by Nineteenth, Twenty-third, and G Streets, and Pennsylvania Avenue NW. The School of Medicine is situated on H Street between Thirteenth and Fourteenth Streets NW.

The endowment of the University is \$2,917,000.

In 1930 a new plan of academic organization for the liberal arts work was effected in the establishment of the Junior College and the redefining of graduate work, as indicated below.



### THE COLLEGES, SCHOOLS, AND DIVISIONS

The George Washington University includes thirteen colleges, schools, and divisions, as follows:

The Junior College offers the work of the first two years of the four-year college program in the liberal arts and sciences; two years of pre-professional work, and two-year terminal courses. Each of these curricula leads to the degree of Associate in Arts.

Columbian College offers the work of the junior and senior years of the four-year college program in the liberal arts and sciences leading to the degrees of Bachelor of Arts and Bachelor of Science. It also offers the studies leading to the degrees of Master of Arts and Master of Science in the fields of the liberal arts and sciences.

The Graduate Council offers a program of advanced study and research leading to the degree of Doctor of Philosophy.

The School of Medicine offers work leading to the degree of Doctor of Medicine.

The Law School offers professional and graduate courses leading to the degrees of Bachelor of Laws, Juris Doctor, Master of Laws, Master of Comparative Law, and Doctor of Juridical Science.

The School of Engineering offers courses leading to the degrees of Bachelor of Civil Engineering, Bachelor of Electrical Engineering, Bachelor of Mechanical Engineering, and Bachelor of Science in Engineering. It also directs work leading to the professional degrees in the fields of civil, electrical, and mechanical engineering.

The School of Pharmacy offers courses leading to the degrees of Bachelor of Science in Pharmacy and Master of Science in Pharmacy.

The School of Education offers undergraduate programs leading to the degrees of Bachelor of Arts in Education, Bachelor of Science in Home Economics, and Bachelor of Science in Physical Education, and graduate studies leading to the degrees of Master of Arts in Education and Doctor of Education.

The School of Government offers undergraduate programs of study in Foreign Affairs, Accounting, Business Administration, and Statistics, leading to the degree of Bachelor of Arts in Government. Graduate work leading to the degree of Master of Arts in Government is offered in these fields and also in Government and Economic Policy, Public Administration, Personnel Administration, and Vocational Counseling.

The Division of University Students makes available courses for mature students, not candidates for degrees in this University.

The Division of Special Students makes available courses for students in the process of qualifying for degree candidacy.

The College of General Studies supplements the adult education pro-



gram of the University through its Off-Campus Division, Campus Division, and Division of Community Services.

The Summer Sessions.

#### ACADEMIC STATUS

The George Washington University is on the final approved list of the Association of American Universities. This fact not only assures to students the academic standards of this association, but also is important to those who desire to transfer credits from one institution to another.

The University is also accredited by its regional accrediting agency, the Middle States Association of Colleges and Secondary Schools, and is on the approved list of the American Association of University Women. The University is a member of the College Entrance Examination Board.

The Law School is a charter member of the Association of American Law Schools and is approved by the Section of Legal Education and Admissions to the Bar of the American Bar Association. The School of Medicine is a member of the Association of American Medical Colleges and is one of the medical colleges which have been continuously approved by the American Medical Association. The School of Pharmacy is accredited by the American Council on Pharmaceutical Education and is a member of the American Association of Colleges of Pharmacy. The School of Engineering is on the accredited list of the Engineers' Council for Professional Development.

#### LOCATION

The George Washington University is in downtown Washington four blocks west of the White House and east of the Potomac River with its extensive parkway. Readily accessible to the University are many of the departments of the Government, including the Department of State, the Department of the Treasury, the Department of Justice, the Department of the Army, the Department of the Navy, the Department of the Interior, the Department of Agriculture, the Department of Commerce, and the Department of Labor, as well as the National Archives, the Capitol, the Library of Congress, the National Academy of Sciences, the Pan American Union, the National Gallery of Art, and the Corcoran Gallery of Art.

#### GOVERNMENT

The government and general educational management of The George Washington University are vested in a self-perpetuating Board of Trustees, with the President and Vice-President of the University as members *ex officio*. The members of the Board are named for a period of three years and are divided into three classes. The members of one class are elected at each annual meeting to fill the places of the members whose terms of office expire. Two members of each class are nominated by the Alumni Association.

## EDUCATIONAL FACILITIES

### BUILDINGS

Buildings, grounds, and equipment are valued at approximately \$18,000,000.

The buildings of the Junior College, Columbian College, the Graduate Council, the Law School, the School of Engineering, the School of Pharmacy, the School of Education, the School of Government, the Division of University Students, the Division of Special Students, and the University Hospital and Outpatient Department are located between Nineteenth and Twenty-third Streets and between Pennsylvania Avenue and G Street. The School of Medicine is at Fourteenth and H Streets NW. The buildings of the University are as follows:

Corcoran Hall, 725 Twenty-first Street. Named in honor of the late William W. Corcoran, benefactor of the University and a former member of the Board of Trustees. Offices of the Comptroller, the departments of Chemistry, Electrical Engineering, and Physics; the chemistry, electrical engineering, and physics laboratories; classrooms.

Everglades Apartments, 2223 H Street, a residence hall for nurses.

Faculty Club House, 714 Twenty-first Street.

Gymnasium, 2010-12 H Street.

Hall of Government, 710 Twenty-first Street. The gift of the late Mrs. Henry Alvah Strong, former Trustee of the University. Offices of the Dean of the School of Government, the departments of Accounting, Business Administration, Economics, History, Political Science, and Statistics; classrooms.

Harlan-Brewer House, 1923 H Street. Offices of law student organizations, lounges, reading rooms.

Hospital and Outpatient Department, Washington Circle.

International House, 2116 G Street. Office of the Adviser to Students from Foreign Countries; club rooms.

Lisner Auditorium, 730 Twenty-first Street. The gift of the late Abram Lisner, former Trustee of the University. The Auditorium; Lisner Lounge; offices and classrooms of the Department of Speech.

Mechanical Engineering Building, 735 Twenty-first Street. Offices of the departments of Electrical and Mechanical Engineering; engineering testing laboratories, general laboratories, drafting rooms, and classrooms.

Office of the President, 2003 G Street. Offices of the President, Vice-President, and Administrative Secretary.

Placement Office, 724 Twenty-second Street.

Residence Halls for Men:

Bradley Hall, 2120 H Street (rear). Residence hall for veterans.

Draper Hall, 2201 G Street. Residence hall for veterans.

2115 H Street. Veterans' family units.

Welling Hall, 814 Twenty-second Street. Residence Hall for Men. Named in honor of the late James Clarke Welling, President of the University from 1871 to 1894.

School of Medicine, 1335 H Street. Offices of the Staff of the School of Medicine; laboratories; the Medical Library; lecture rooms; classrooms; students' rooms.

Medical Laboratory Building.

Research Building.

Sorority Halls:

2129 G Street. Apartments of Pi Beta Phi, Chi Omega, Sigma Kappa, Phi Mu, Alpha Delta Pi, Delta Zeta, Zeta Tau Alpha, and Kappa Kappa Gamma sororities.

2131 G Street. Apartments of Delta Gamma Sorority and Martha Washington Club.

802 Twenty-first Street. Apartment of Phi Sigma Sigma sorority.

2112 G Street. Apartments of Kappa Alpha Theta and Kappa Delta sororities. Staughton Hall, 707 Twenty-second Street. Offices, research laboratories, Reading Clinic.

Stockton Hall, 720 Twentieth Street. Named in honor of the late Rear Admiral Charles Herbert Stockton, President of the University from 1910 to 1918. Offices, library, and lecture halls of the Law School.

Strong Residence Hall for Women, 620 Twenty-first Street. Named in honor of the donor, the late Mrs. Henry Alvah Strong, former Trustee of the University.

Student Union, 2125 G Street. Offices of student organizations, student cafeteria and snack bar, reading room, lounge, game and music rooms.

University Cooperative Store, 2120 H Street.

University Library, 2023 G Street. The gift of the late Abram Lisner, former Trustee of the University. The library, rooms of the Board of Trustees and the Graduate Council.

Veterans' Club, 722 Twenty-second Street.

Washington Counseling Center, 2011 H Street.

Woodhull House, 2033 G Street. Gift of the late General Maxwell Van Zandt Woodhull, former Trustee of the University. Office of the Director of Activities for Women; meeting rooms for student and alumni activities.

Building A, 2026 G Street. Offices of the Department of Romance Languages.

Building B, 2024 G Street. Offices, laboratories, and classrooms of the Department of Home Economics.

Building C, 2029 G Street. Offices of the Registrar and the Director of Admissions; offices and laboratories of the departments of Biology, Botany, and Zoology; classrooms.

Building D, 2013 G Street. Offices of the Dean of the Junior College, the Dean of Columbian College, the Dean of the Division of University Students, the Dean of the School of Education, the Coordinator of Scientific Activities, and the Business Manager; offices of the departments of Art, Classical Languages, Education, English (English Literature), Germanic Languages, Journalism, Mathematics, Philosophy, Psychology, and Secretarial Studies; classrooms.

Building F, 2018 I Street. Offices of the Dean of the College of General Studies and the Dean of the Summer Sessions.

Building G, 712 Twentieth Street. Offices of the Department of English (Composition section).

Building H, 714-16 Twentieth Street. Offices and locker rooms of the Department of Physical Education for Women.

Building I, 2135 G Street. Offices, classrooms, and laboratories of the Department of Geography.

Buildings J and L, 2131 and 2129 G Street (rear). Classroom and locker rooms of the Department of Physical Education for Women.



- Buildings M and N, 716-18 Twenty-first Street. Offices of the Dean of the School of Engineering and the Department of Civil Engineering.
- Building O, 2106 G Street. Office of the Department of Religion.
- Building P, 2108 G Street. Offices of the Student Health Service and the Dean of the Division of Special Students.
- Building Q, 2029 H Street. Office of the Director of Veterans Education.
- Building R, 2027 H Street. Offices of the Director of Activities for Men, the Department of Physical Education for Men, and the Athletic Staff.
- Building S, 2025 H Street. Residence Hall for Women.
- Building T, 2018 I Street. Offices of the Director of Alumni Relations and the Director of Public Relations.
- Building V, 2114 H Street (rear). Laboratories and classrooms of the Department of Physics.
- Building W, 2128 H Street. Offices of the School of Pharmacy; pharmacy laboratories; classrooms.
- Building X, 725 Twenty-third Street. Drafting rooms and classrooms of the School of Engineering.
- Building Y, 2031 H Street. Offices of the departments of English (American Literature section) and Sociology.

#### THE UNIVERSITY LIBRARY

The University Library contains more than 238,000 volumes. The well equipped Library building houses all of the library except the law and medical collections. Over 6,000 bound volumes are added annually, and approximately 900 periodicals and publications of learned societies are received currently. Among the special collections of the Library are the Library of the Carnegie Endowment for International Peace, purchased by the University in 1950; the W. Lloyd Wright collection of Washingtoniana, acquired in 1950; the Richard Heinzel Collection of Germanic philology and literature; the Curt Washsmuth Collection of Greek and Roman literature, archeology, and history; the Mount Vernon Collection on political history, international law, and the social sciences; a representative collection of Spanish American books, the gift of the governments of Hispanic America; the Chauncey Mitchell Depew Public Speaking Collection, the gift of the late Mrs. Depew; and the Art Collection, which contains about 1,000 volumes made available by the American Institute of Architects, and the 7,500 mounted photographs of the Russell Sturgis Collection.

#### OTHER LIBRARY FACILITIES

The student has access also to the Library of Congress; the Public Library of the District of Columbia and its branches; the Library of the Pan American Union; the Library of the Bureau of Railway Economics; the Library of the United States Department of Agriculture; the Library of the United States Office of Education; the Army Medical Library; the Library of the Smithsonian Institution; and many of the other great special collections of the government departments.



## GOVERNMENTAL INSTITUTIONS ACCESSIBLE TO STUDENTS

The Congress of the United States has made the scientific resources of the Government accessible to students under the terms of the following joint resolution, approved April 12, 1892:

*Resolved by the Senate and House of Representatives of the United States of America, in Congress assembled,* That the facilities for research and illustration in the following and any other Governmental collections now existing or hereafter to be established in the city of Washington for the promotion of knowledge shall be accessible, under such rules and restrictions as the officers in charge of each collection may prescribe, subject to such authority as is now or may hereafter be permitted by law, to the scientific investigators and to students of any institution of higher education now incorporated or hereafter to be incorporated under the laws of Congress or of the District of Columbia, to wit:

- One. Of the Library of Congress.
- Two. Of the National Museum.
- Three. Of the Patent Office.
- Four. Of the Bureau of Education.
- Five. Of the Bureau of Ethnology.
- Six. Of the Army Medical Museum.
- Seven. Of the Department of Agriculture.
- Eight. Of the Fish Commission.
- Nine. Of the Botanic Gardens.
- Ten. Of the Coast and Geodetic Survey.
- Eleven. Of the Geological Survey.

## ADMISSION

All departments of the University accept men and women.

Students may enter any college, school, or division of the University except the School of Medicine at the beginning of the fall term, the spring term, or any of the sessions of the summer term.

Entrance to the School of Medicine in 1951-52 is permitted only at the opening of the term beginning September 1951.

### GENERAL ADMISSION REQUIREMENTS

The following factors are considered in determining the eligibility of an applicant for admission:

1. The adequacy of previous academic work as preparation for the course of study now contemplated—including quantity and quality of work and the standing of the institution in which it was done.
2. The aptitude of the student for the course contemplated.
3. The character of the student.

The University reserves the right to refuse admission to any student who has a previous academic record of such grade as to create doubt of his ability to pursue college work successfully, or who for any other reason would not be a desirable student.

### APPLICATION FOR ADMISSION

An applicant for admission must obtain from the Office of the Director of Admissions an application blank which he must fill out completely and return with the application fee of \$3 (\$5 for the School of Medicine). A recent photograph, with signature, of the applicant must be attached to the blank.

*Applications should be filed not later than July 1 for the fall term, January 1 for the spring term, and May 1 for the summer term.*

An applicant from a secondary school must send the high school record form provided by the University to his high school principal with the request that the principal fill out the form and mail it *direct* to the Office of the Director of Admissions.

An applicant who has previously attended an institution of higher learning must request the registrar of that institution to mail directly to the Office of the Director of Admissions a transcript of his record. If he has attended more than one such institution he must request the registrar of each institution to send to the Office of the Director of Admissions a transcript of his record, *even though credits were not earned*, together with an honorable dismissal from the institution last attended.

The Graduate Record Examination sponsored by the Carnegie Foundation for the Advancement of Teaching is accepted as supplemental evidence of the applicant's educational attainment, and the appropriate report should accompany the application for admission whenever available.

#### METHODS OF ADMISSION FROM SECONDARY SCHOOLS

An applicant from a secondary school may seek to qualify for admission by certificate or examination.

##### By Certificate

A certificate of graduation with a minimum of fifteen "units"\* from an accredited secondary school and the recommendation from the principal of the secondary school that the applicant is prepared to undertake college work will be considered subject to the following conditions:

1. If the school is accredited by the regional accrediting association, the student must rank not lower than the third fifth of his class.
2. If the school is not listed by the regional accrediting association, but has been accredited by the state accrediting agency, the student must rank in the upper two fifths of his class.

##### By College Entrance Board Examinations

An applicant may qualify by passing satisfactorily College Entrance Board examinations as prescribed by the Director of Admissions. These examinations are given at a large number of examination centers throughout the United States, including Washington, D. C., on May 19, 1951; December 1, 1951; January 12, 1952; March 15, 1952; May 17, 1952, and August 13, 1952.

Arrangements for the examinations should be made with the College Entrance Examination Board, Post Office Box 592, Princeton, N. J., not less than one month before the date of the examinations.

#### FROM HIGHER INSTITUTIONS ‡

An applicant for advanced standing may be considered for admission upon the presentation of satisfactory credentials from an accredited institution of higher learning. The student must be in good standing as to scholarship and conduct, and must be eligible to return to the previously attended institution in the term for which he seeks admission to this University.

\* A unit represents a year's study in a secondary school subject, including in the aggregate not less than 120 sixty-minute periods of prepared classroom work.

‡ The University reserves the right to refuse advance credit in whole or in part, or to allow it provisionally. Credit so given may be withdrawn for subsequent poor work.



If the transcript of record from such an institution includes the record of his secondary school work, it is not necessary for the applicant to have forwarded a separate record directly from the principal of the secondary school. High school work is considered only as fulfilling entrance requirements; it is never credited toward advanced standing.

Properly certified courses taken at accredited colleges or universities may be applied toward a degree at this University, subject to the curriculum requirements and regulations of the school or college to which admission is sought. Work of low pass grade (such as *D* or the equivalent) will not be considered for transfer.

#### ENTRANCE REQUIREMENTS

##### THE JUNIOR COLLEGE

An acceptable certificate of graduation from an accredited secondary school, or the satisfactory passing of College Entrance Board examinations selected with the approval of the Director of Admissions is required. (See "Methods of Admission".)

*Distribution of Units for All Curricula.*—Certification by the principal that the student has satisfied all curriculum requirements of the school will be accepted in lieu of any prescribed distribution of units. Attention is called, however, to the necessity of completing stated prerequisite studies during the secondary school period for admission to certain curricula. It is to be noted that one unit of algebra is prerequisite to courses in chemistry, mathematics, physics, and statistics and that in addition one unit of plane geometry is prerequisite to courses in mathematics and physics. In the instance of applicants who do not meet the above stated mathematics requirements, algebra and plane geometry may be taken without college credit when offered by the Department of Mathematics. For a statement of the foreign language requirements see page 55.

A desirable secondary school program in preparation for college would include: four years of English, four years of foreign language (preferably one language rather than two), two years of natural or physical science with laboratory instruction (and over and beyond the so-called "General Science"), two or three years of social studies (with concentration on history), one or two years of basic mathematics.

##### COLUMBIAN COLLEGE (THE SENIOR COLLEGE)

##### For the Bachelor's Degrees

Two years of Junior College work leading to the degree of Associate in Arts, or the lower-division work in institutions not organized on the junior-senior-college plan, following a specified curriculum, meet the minimum requirements of Columbian College. In addition, however,



scholarship requirements for admission may be set somewhat higher than those for graduation from the Junior College.

*Bachelor of Arts.*—An Associate in Arts degree based on the *Arts and Letters* curriculum in the Junior College, or the equivalent (see page 56), is required.

*Bachelor of Science.*—An Associate in Arts degree based on the *Science* curriculum in the Junior College, or the equivalent (see pages 56-57), is required.

#### For the Master's Degrees

An approved Bachelor's degree from an accredited higher institution is required. A student from an unaccredited institution may be admitted at the discretion of the Committee on Admission and Advanced Standing, but he will be required to take such extra work above the minimum requirements as may be prescribed. An appropriate distribution of courses and a superior quality of work in the major field are essential.

Applications for admission must be approved by the department or division and by the Dean.

*Master of Arts.*—The student's undergraduate curriculum must have included a program of study substantially equivalent to the Bachelor of Arts major in his chosen field at this University.

*Master of Science.*—The student's undergraduate curriculum must have included the equivalent of the undergraduate major at this University of the scientific department under which he desires to work.

#### THE GRADUATE COUNCIL

*Doctor of Philosophy.*—The student must possess an adequate academic preparation for advanced study in the proposed field, as evidenced by approved Bachelor's and Master's degrees, or the equivalent, together with acceptable personal qualities and capacity for creative work.

#### THE SCHOOL OF MEDICINE

*Doctor of Medicine.*—Ninety credit hours of work, exclusive of physical education, in an accredited higher institution are required, as follows:

1. Chemistry, sixteen credit hours as follows: (a) eight credit hours in general inorganic chemistry, of which at least four credit hours are laboratory work (qualitative analysis may be counted as general inorganic chemistry); (b) eight credit hours or a one-year college course of organic chemistry, including laboratory work.
2. Physics, eight credit hours, of which at least two credit hours are laboratory work. It is recommended that this course be preceded by one in trigonometry.
3. Biology, eight credit hours, of which at least four credit hours are

laboratory work. This requirement may be satisfied by a course of eight credit hours in either general biology or zoology, or by four credit hours each in zoology and botany, but not by botany alone.

4. English composition and literature, six credit hours; the usual introductory college course or the equivalent. The student should develop facility in speaking and writing English.

5. Modern foreign language: a reading knowledge, preferably of French or German.

6. Electives. It is recommended that the remaining credit hours required include: (a) comparative vertebrate anatomy; (b) qualitative and quantitative chemical analysis; (c) social science and psychology.

#### Advanced Standing

A student who has satisfactorily attended one or two years at any other medical schools approved by the American Medical Association, and who has the necessary preliminary educational requirements, may be admitted to advanced standing.

#### THE LAW SCHOOL

##### For the Degrees in the Professional Course

*Bachelor of Laws.*—A Bachelor's degree awarded upon completion of a four-year course in an approved college or university is required. All pre-legal work must be of a satisfactory quality and distribution. No student will be admitted who has been in attendance at another law school and who is ineligible to return to that school in good standing. From the applicants, a selection will be made by the Committee on Admissions.

*Juris Doctor.*—A student does not register as a candidate for this degree until his last year in the Law School. For details, see pages 109-10.

#### ADVANCED STANDING

Advanced standing toward the degree of Bachelor of Laws may be granted only for work successfully completed in other Law Schools which are members of the Association of American Law Schools.

Advanced standing may not be granted for law work already counted toward the Bachelor of Arts or other pre-legal degree.

Students planning to attend summer school sessions at other law schools and desiring to use credits obtained at such schools in their course at this Law School must first have the courses they wish to take approved by the Dean. In no event will credits be recognized in excess of those which might be obtained in a similar period in this School.

Advanced standing toward the degree of Juris Doctor will not be granted.

### For the Degrees in the Graduate Course

Candidates for graduate degrees must be accepted by the Committee on Graduate Studies.

*Master of Laws.*—A Bachelor of Arts or equivalent degree from an approved college or university and a Bachelor of Laws or equivalent degree from a member school of the Association of American Law Schools are required. Candidates for admission must have attained an average grade on all work done for the Bachelor of Laws degree equivalent to the relative position of a *B* average in the standards of grading at this Law School, except that, in the discretion of the Committee on Graduate Studies, applicants otherwise eligible may be admitted on proof of experience and attainment as an alternative.

*Master of Comparative Law and Master Comparative Law (American Practice).*—The following are required: (1) the successful completion of and graduation from a course in arts, philosophy, letters, or sciences, equivalent to graduation from a gymnasium, lycee, or liceo (junior college); and (2) graduation in law from a recognized foreign university where training was in Civil Law.

*Doctor of Juridical Science.*—The following are required: (1) the degree of Juris Doctor from this Law School; or (2) the degree of Bachelor of Arts from an approved college, the degree of Bachelor of Laws or the equivalent, earned with high rank, from a member school of the Association of American Law Schools, outstanding capacity for scholarly work in the field of law, and acceptance as a candidate by the Committee on Graduate Studies of the Law School.

### Unclassified Students

A person eligible for admission to regular standing but not a candidate for a degree may, at the discretion of the Dean, be admitted as an unclassified student.

A person who is in good standing as a candidate for a degree in another law school which is a member of the Association of American Law Schools, may, at the discretion of the Dean, be admitted as an unclassified student.

Work taken by an unclassified student will not be accepted for credit toward a degree at this Law School.

### THE SCHOOL OF ENGINEERING

*Bachelor of Civil Engineering, Bachelor of Electrical Engineering, Bachelor of Mechanical Engineering, Bachelor of Science in Engineering.*—An acceptable certificate of graduation from an accredited secondary school, or the satisfactory passing of College Entrance Board examina-



tions in secondary school subjects selected with the approval of the Director of Admissions is required.

Nine and one-half of the fifteen units required for entrance must be distributed as follows: three in English, two in algebra, one in plane geometry, one-half in plane trigonometry, one in physics or chemistry, and two in one foreign language or history. A graduate of an approved high school who does not offer for admission the particular subjects required for the engineering curriculum, but who does present not less than fifteen acceptable units, may be admitted on condition, if such deficiency in the distribution of units does not exceed two units.

#### ADVANCED STANDING

Advanced standing may be granted for work successfully completed at accredited institutions of higher learning. Credit will be assigned by the School of Engineering to the extent that the work taken at previous institutions meets the requirements for the degree sought at this University, and subject to the general University regulations concerning satisfactory subsequent work.

#### THE SCHOOL OF PHARMACY

*Bachelor of Science in Pharmacy.*—An Associate in Arts degree based on the curriculum in *Pharmacy* in the Junior College (see page 57), or the equivalent is required.

A student who has received a Bachelor's degree from an accredited institution or who has completed work in the general cultural or foundational subjects of the pharmacy curriculum may be admitted to advanced standing. No more than one year of advanced standing will be granted a student from any institution other than an accredited college of pharmacy.

*Master of Science in Pharmacy.*—A Bachelor of Science degree from an accredited institution is required. A superior record and professional promise are essential.

#### THE SCHOOL OF EDUCATION

##### For the Bachelor's Degrees

*Bachelor of Arts in Education, Bachelor of Science in Home Economics, Bachelor of Science in Physical Education.*—An Associate in Arts degree based on the *Education, Home Economics, or Physical Education* curriculum in the Junior College (see pages 58-59), or the equivalent from another accredited higher institution, or a certificate of graduation from an approved normal school or the equivalent is required.



### For the Master's Degree

*Master of Arts in Education.*—To be admitted to candidacy for the degree of Master of Arts in Education the applicant must: (1) hold a Bachelor's degree from an accredited institution; (2) have an undergraduate quality-point index of 2.50 or above (C + average); (3) have demonstrated a genuine interest in teaching; (4) be in possession of personality traits that give promise of better-than-average success as a teacher.

To be admitted to candidacy in programs designed to prepare for service in guidance and administration two years of successful teaching experience are prerequisite.

### For the Doctor's Degree

*Doctor of Education.*—The degree of Master of Arts in Education or the equivalent, and at least three years of satisfactory educational experience are required.

## THE SCHOOL OF GOVERNMENT

### For the Bachelor's Degree

*Bachelor of Arts in Government.*—An Associate in Arts degree based on the *Accounting and Business Administration*, *Foreign Affairs*, or *Statistics* curriculum in the Junior College (see pages 60-61), or the equivalent, and a quality-point index of 2.00 for the first two years' work are required.

### For the Master's Degree

*Master of Arts in Government.*—A Bachelor's degree from an accredited institution, or evidence of a course of study that is judged by the Faculty to be the equivalent is required. A student from an unaccredited institution may be admitted at the discretion of the Dean's Council, but he will be required to take such extra work above the minimum requirements as may be prescribed.

The Dean may permit deficiencies to be made up concurrently with work for the degree or by special examinations given under direction of a Faculty Committee. Students admitted to candidacy must have attained a quality-point index of 3.00 (a "B" average) in the courses of their undergraduate major. In special cases students who have not attained this scholastic average may take a qualifying examination with permission of the Dean.

### THE DIVISION OF UNIVERSITY STUDENTS

Students 21 years of age or over who are not interested in working for a degree in this University may be considered for admission to the Division of University Students to take courses for which they have adequate preparation, as evidenced by previous scholastic records.

In special instances, with the permission of the instructor, a person may be considered for admission as an auditor in a class without being required to take active part in the exercises or to pass examinations, but no credit will be allowed for such attendance.

### THE DIVISION OF SPECIAL STUDENTS

This is a non degree-granting division of the University in which the Director of Admissions may authorize the placement of students in the process of making up entrance deficiencies to degree-granting colleges and schools of the University.

Complete credentials must be submitted and evaluated before a tentative or definite plan of make-up may be prepared.

### CLASSIFICATION OF STUDENTS

*Regular Students.*—Regular students are those who have met the entrance requirements for candidacy and are registered for degrees.

*University Students.*—Persons of mature age, as specified in the rules of the Division of University Students, may be admitted to this Division to pursue courses for which they have had adequate preparation.

*Special Students.*—Special students are those who are in the process of qualifying for admission to curricula in degree-granting colleges and schools of this University.

---

Additional information concerning curricula, courses offered, entrance requirements, or admission procedure may be obtained from the Office of the Director of Admissions.

## REGISTRATION

Before a student may be admitted to registration he must have satisfied the Office of the Director of Admissions that he is qualified for entrance to the University (See "Admission", pages 11-19.)

A student who has previously matriculated in the University, but who has not been in attendance during the term prior to registration, should file an application for readmission in advance of registration.

Registration is for the term unless otherwise indicated on the registration paper. No registration is accepted for less than a term or one summer session.

A student may not register concurrently in The George Washington University and another institution without the permission of the dean of the college, school, or division in which he is registered in The George Washington University. Allowance of credit for work done concurrently will be at the discretion of the appropriate Committee on Admission and Advanced Standing.

### TIME AND PLACE OF REGISTRATION \*

Registration is conducted during the following periods: *fall term*, September 26, 27, and 28; *spring term*, January 31 and February 1. Registration, except for the Law School, is conducted in Building C, 2029 G Street NW.; for the Law School, in Stockton Hall, 720 Twentieth Street NW.

### REGISTRATION CHANGES AND WITHDRAWALS

For regulations governing changes in registrations and withdrawals, see pages 23, 37-38.

\* Registration for the School of Medicine is conducted at the School of Medicine, 1335 H Street NW., between 9:00 A.M. and 4:00 P.M., September 13 and 14, 1951.



## FEES AND FINANCIAL REGULATIONS

By authorization of the Board of Trustees, the following fees have been adopted, effective September 1, 1951:

### TUITION FEES

For each credit hour for which the student registers (except work in the Law School and work taken by a candidate for a Doctor's degree)*	\$ 13.00
For each credit hour for which the student registers in the Law School	15.00
For the degree of Doctor of Medicine, for two terms†	750.00
For the degree of Doctor of Philosophy:	
For work leading to and including the Council Fellowship examination§	400.00
For work leading to and including the final examination§	400.00
For the degree of Doctor of Education:	
For work leading to and including the general examination§	400.00
For work leading to and including the final examination§	400.00
For the degree of Doctor of Juridical Science:	
For work leading to and including the final examination§	400.00

### ADDITIONAL COURSE FEES

In certain courses additional fees, such as laboratory and material fees, are charged as indicated in the course descriptions. These fees are charged by the term and, unless otherwise indicated, may be defrayed in three payments when the tuition is paid in this manner. Breakage of apparatus is charged against the individual student. When breakage is in excess of the normal amount provided for in the laboratory fee the individual student will be required to pay such additional charges as are determined by the department concerned.

### GRADUATION FEES

Wherein the degree of Associate in Arts is granted	\$10.00
Wherein a degree other than the Associate in Arts degree is granted	20.00
FEE FOR BINDING MASTER'S THESIS	5.00
FEE FOR THE PROFESSIONAL THESIS IN THE SCHOOL OF ENGINEERING	75.00
An annual fee; one half payable in advance at the time of each registration.	
FEE FOR PRINTING AND FILING SUMMARY OF DOCTORAL DISSERTATION	60.00

### SPECIAL FEES

Application fee, charged each applicant for admission (except applicants to the School of Medicine), non-refundable	3.00
---	------

\* Payment of tuition for the thesis entitles the candidate, during the academic year of registration, to the advice and direction of the member of the faculty under whom the thesis is to be written. In case a thesis is unfinished, an additional successive academic year may be granted without further tuition payment. If the preparation of the thesis extends beyond the second academic year, it must be registered for again, and tuition paid on the same basis as for a repeated course.

† Registration in the School of Medicine is for a period of two terms. After the student has entered the course of instruction he is obligated for the full tuition for two terms. No part of the tuition will be refunded upon withdrawal or dismissal for any cause.

§ When a limited schedule is carried which extends the time of either the preparation period or the examination period to more than one year, the proportionate part of the charge may be fixed by the Comptroller.

Application fee, charged each applicant for admission to the School of Medicine, non-refundable.....	\$5.00
Aptitude Test fee.....	1.00
Late-registration fee, charged each student who fails to register within the designated period.....	5.00
Withdrawal fee, charged each student who preregisters and withdraws prior to the regular registration.....	5.00
Service fee, charged each student for late payment of tuition (see "Payment of Fees").....	1.00
Reinstatement fee, charged each student who is reinstated after suspension for delinquency in fees.....	5.00
Residence fee, charged each student wishing to maintain "in residence" status during any term of absence from the University or after completion of tuition requirements:	
In the Law School.....	15.00
In all other colleges, schools, and divisions.....	13.00
For special physical examination.....	2.00
Student Bar Association fee, charged each student in the Law School for each term or any part thereof except the summer term.....	2.00
Engineers' Council fee, charged each student in the School of Engineering for each term or any part thereof except the summer term.....	1.00
For each examination to qualify for advanced standing and for each special examination.....	5.00
Laboratory checkout fee, charged all students in chemistry and pharmacy courses who fail to check out of the laboratory by the time set by the instructor.....	2.00

Registration in the University entitles each student to the following University privileges: (1) the issuance of three certified transcripts of record, if and when desired; (2) the services of the Placement Office; (3) the use of University library facilities, except as otherwise designated; (4) gymnasium privileges; (5) admission to all athletic contests, unless otherwise specified; (6) subscription to the *University Hatchet*, the student newspaper; (7) admission to University debates; (8) medical attention and hospital services as described under the Department of Health Administration. These privileges, however, with the exception of the issuance of transcripts, terminate, and a student is no longer in residence, when he withdraws or is dismissed from the University.

#### PAYMENT OF FEES

All fees are payable at the Office of the Cashier, 725 Twenty-first Street NW. No student is permitted to complete registration or to attend classes until all fees are paid. Fees for each term are due and payable in advance at the time of registration.

In exceptional cases, subject to the approval of the Comptroller, the student may sign a contract for term charges, except for fees payable in advance, permitting payments as follows:

*Fall Term.*—One third at the time of registration; one third on November 3; one third on December 3.

*Spring Term.*—One third at the time of registration; one third on March 3; one third on April 3.

A student who fails to meet payments when due, but who pays his fees on or before the tenth of the month in which payment is due, is charged a service fee of \$1. A student who fails to meet payments by the tenth of the month in which payment is due will be automatically suspended and may not attend classes until he has been officially reinstated and has paid all accrued fees and a reinstatement fee of \$5.

A student suspended for failure to meet payments when due may not be reinstated for the term after two weeks from the date of suspension. Applications for reinstatement are to be made to the Office of the Cashier.

An auditor pays all fees chargeable to the student registered for credit except the late-registration fee.

#### WITHDRAWALS AND REFUNDS

Application for withdrawal from the University or for change in class schedule must be made in person or in writing to the dean of the college, school, or division in which the student is registered. Notification to an instructor is not an acceptable notice (see "Withdrawal", pages 37 and 38).

In authorized withdrawals and changes in schedules, financial adjustments will be made as follows:

*Fall Term.*—Withdrawal dated on or before October 31, cancellation of two-thirds of tuition charges; withdrawal dated on or before November 30, cancellation of one-third of tuition charges. No refund or reduction will be allowed on a withdrawal dated subsequent to November 30.

*Spring Term.*—Withdrawal dated on or before February 29, cancellation of two-thirds of tuition charges; withdrawal dated on or before March 31, cancellation of one-third of tuition charges. No refund or reduction will be allowed on a withdrawal dated subsequent to March 31.

In no case will a refund be made of the first third of the total tuition charges unless the registration is in advance and the course is dropped before the regular registration day. In this case a withdrawal fee of \$5 is charged and tuition fees refunded. In no case will tuition be reduced or refunded because of nonattendance upon classes.

Payment applies only to the term for which a registration charge is incurred and in no case will this payment be credited to another term.

Any student in chemistry who fails to check out of the laboratory on or before the date set by the instructor, unless excused by the instructor, will be charged a checkout fee in the amount of \$2. A student who drops a course before the end of the term must check out of the laboratory at the next regular laboratory period.

Authorization to withdraw and certification for work done will not be given a student who has not a clear financial record.



## FELLOWSHIPS, SCHOLARSHIPS, PRIZES, FINANCIAL AID

### FELLOWSHIPS

The following fellowships are available to graduate students. Applications should be submitted for consideration not later than April 1 preceding the period for which the fellowship is to be awarded.

The applicant for a University Teaching Fellowship or a Special Fellowship is expected to be a prospective candidate for the degree of Doctor of Philosophy, and to have the Master of Arts degree, or the equivalent, in the general field of his future doctoral study and research. Forms on which to make application for these fellowships may be obtained from the Chairman of the Graduate Council.

*University Teaching Fellowships.*—These are assigned for the academic year in the following departments of instruction: Bacteriology, Biochemistry, Botany, Chemistry, Economics, English, History, Physics, Psychology, Romance Languages, and Statistics. Each fellow receives an annual stipend, plus full tuition in the Graduate Council for whatever schedule of study or research his fellowship duties permit him to carry. The occupant of each of these fellowships renders a designated unit of service to the department of instruction in his major field of doctoral study, usually in classroom or laboratory assignments.

*Special Fellowships.*—Special fellowships are supported by endowment, and are awarded to doctoral students of unusual promise and ability. The stipend is not fixed but varies in amount with the need of the individual receiving the award. In applying for one of these fellowships it is advantageous that the student appear personally for an interview with the Chairman and such other members of the Graduate Council as would be interested in the research investigations proposed. These fellowships include the following:

*Isabella Osborn King Research Fellowship.*—Of the value of \$1,200 annually, offered in the general field of biology, and intended to foster research for which the libraries and scientific establishments in Washington provide special facilities.

*Thomas Bradford Sanders Fellowships.*—Established in 1928 by Miss Addie Sanders in memory of her brother, Thomas Bradford Sanders, and offered in various academic fields of study, with stipends designated by the Chairman of the Graduate Council.

*Soroptimist Fellowship.*—This fellowship of \$750 was established in 1948 by the South Atlantic Region of the American Federation of

Soroptimist Clubs, an international organization of executive business and professional women. It is available to a woman who holds a baccalaureate degree and who wishes to undertake graduate work to prepare herself for professional service. Selection of the candidate will be based upon the personal and academic qualifications of the applicant. Application should be addressed to the Registrar of the University.

### SCHOLARSHIPS

Scholarships are awarded for two terms unless otherwise specified and are credited in equal parts for each term. Each holder must carry a full schedule of academic work (fifteen credit hours or in the professional schools the full prescribed schedule) during the period for which the scholarship is awarded. Except in the case of the Alumni Scholarships, the High School Scholarships, the Law School Scholarships, the National League of Masonic Clubs Scholarship, and the Student Activities Scholarships, applicants must have established an academic record in courses at this institution, and should apply on prescribed forms which must be filed in the Office of the Chairman of the Committee on Student Loans and Scholarships not later than April 1 preceding the academic year for which the scholarship is to be awarded. Further information may be obtained from the Chairman of the Committee on Student Loans and Scholarships.

*Alumni Scholarships.*—Five scholarships are available each year in the Junior College, upon the recommendation of regional alumni clubs, to outstanding male graduates of accredited high schools. The scholarships cover tuition costs for four terms (beginning with the fall term) of full-time work but do not include special fees such as laboratory charges, room, board, or other expenses. To retain the scholarship, the student must maintain a *B* average. Additional information may be obtained from the Executive Secretary of the General Alumni Association.

*Byron Andrews Scholarship.*—This scholarship, in the amount of \$150, established in 1920 by Mrs. Belle Fisk Andrews in memory of her husband, Byron Andrews, is available "for ambitious and needy students, who desire to pursue courses in English, Latin, journalism, history, literature, or political science".

*Anna Bartsch Scholarship.*—This scholarship, in the amount of \$500, established in 1946 by Dr. Anna Bartsch-Dunne, as a memorial to her mother, Anna Bartsch, is available to a woman in the School of Medicine, "of outstanding scholarship, character, and promise, who intends to make the practice of medicine her life profession". The award is made upon the recommendation of the Faculty of the School of Medicine.

*Emma K. Carr Scholarships.*—Six scholarships in the amount of \$360 each and eight in the amount of \$100 each, established in 1932 by Mrs.

Emma K. Carr, are available to "young men (of the white race) for undergraduate or postgraduate work, considering character, capacity, and need".

*Henry Harding Carter Scholarship.*—This scholarship, in the amount of \$400, established in 1896 by Mrs. Maria M. Carter in memory of her husband, Henry Harding Carter, is available to a deserving student who is preparing for the civil-engineering profession.

*Maria M. Carter Scholarship.*—This scholarship, in the amount of \$100, established in 1871 by Mrs. Maria M. Carter, is available to a young man.

*Isaac Davis Scholarship.*—This scholarship, in the amount of \$60, was established in 1869 by the Honorable Isaac Davis of Massachusetts. Nominations for the scholarship may be made "by the founder or his eldest lineal descendant". In case no such nomination is made, the scholarship is to be awarded by the University.

*Charles Worthington Dorsey Memorial Scholarship.*—This scholarship, established in 1947 as a memorial to Charles Worthington Dorsey, Bachelor of Laws, '81, Master of Laws, '82, is awarded upon the recommendation of the Faculty of the Law School to a needy and promising graduate of Columbian College or other division of the University, with a Bachelor of Arts or other equivalent degree, who has maintained an average of B as an undergraduate student and who desires to pursue the study of law as a full-time student. The scholarship covers tuition for the course leading to the first degree from the Law School, Bachelor of Laws or Juris Doctor, provided that the holder maintains an average of B. The right is reserved to suspend the benefits of the scholarship for cause at any time. The scholarship is awarded ordinarily once every three years.

*Robert Farnham Scholarship.*—This scholarship, in the amount of \$70, given to the University in 1871 by Mrs. Robert Farnham, is available to a student in Columbian College.

*Anna Spicker Hampel Scholarship.*—This scholarship, in the amount of \$25, established in 1949 by Mrs. Evelyn Hampel Young, is available for scholarship aid to young married women students in the School of Education or Columbian College.

*Elma Lewis Harvey Scholarship.*—This scholarship, in the amount of \$100, was founded in 1921 by Mrs. Emma Elizabeth Harvey in memory of her daughter, and is to be awarded every four years, or as often as vacant, to a young women student in Columbian College of the Protestant faith and of the Caucasian race who shall be selected for scholarship and moral qualifications.

*Hazelton Scholarship.*—This scholarship, in the amount of \$150, established in 1950 by the bequest of Lillie S. Hazelton, is awarded annually "for the use and assistance of needy and worthy students".



*High School Scholarships.*—The Board of Trustees of the University offers the following scholarships for study in the liberal arts to graduates of the public high schools of the District of Columbia and near-by Maryland and Virginia. Scholarships are to be divided equally between men and women.

District of Columbia: Anacostia, Coolidge, Eastern, McKinley, Roosevelt, Western, and Woodrow Wilson high schools—two scholarships each

(The Amos Kendall Scholarship, established by the late Honorable Amos Kendall, is one of the two assigned to Western High School.)

Montgomery County, Maryland—four scholarships

Prince Georges County, Maryland—four scholarships

Alexandria County, Virginia—two scholarships

Arlington County, Virginia—four scholarships.

Each of the above scholarships is awarded annually to a member of the graduating class who intends to enter the Junior College and to continue in Columbian College, completing the work leading to a Bachelor's degree. A principal and an alternate may be recommended. The principal, or, if the principal declines, the alternate, must register in September following the award.

The holders of these scholarships are exempt from tuition fees, but are charged laboratory, graduation, and other fees. The scholarships are valid for eight terms of undergraduate study. Under the present accelerated program the scholarships may be used in the summer term.

To retain any high school scholarship, a student must carry a full program of study in the liberal arts (a full program being defined as at least fifteen hours of work each term). An average of *B* and a high standard of deportment must be maintained. Scholarships are reassigned annually. If the holder fails to continue its use during the academic year, the scholarship will not be reassigned.

*Law School Scholarships.*—Seven scholarships are available each year in the Law School to graduates of accredited colleges. Each scholarship provides full three-years' tuition in the morning division of the Law School. Candidates must have graduated in the upper fifth of their class and must have demonstrated qualities of leadership in addition to scholastic attainment. To retain the scholarship, the successful candidate must maintain a *B* average. Application must be made before March 15 to the Dean of the Law School.

*A. Morehouse Scholarship.*—This scholarship was established by Mr. A. Morehouse in 1861. It carries an annual stipend of \$150, which is available for an undergraduate "intending to enter the Christian ministry".

*The National League of Masonic Clubs Scholarship.*—This four-year scholarship, in the amount of \$400 annually to be applied toward pay-

ment of tuition costs only, is offered by the National League of Masonic Clubs to the son or daughter of a Master Mason. To continue to hold the scholarship, the student must maintain a satisfactory academic record.

*Newspaper Scholarships.*—One scholarship is available each year to a candidate recommended by each of the following newspapers: *The Washington Daily News*, *The Washington Post*, *The Evening Star*, and *The Times-Herald*. The holder of the scholarship must be an employee of the newspaper. These scholarships cover tuition for four years, but do not include laboratory fees, graduation fees, or other special fees.

*Paul Pearson Scholarship.*—This scholarship, in the amount of \$200, established in 1940 by bequest of Paul Pearson and "to be known as the Dr. Paul Pearson award", is available to a student in the School of Pharmacy, upon the recommendation of the Faculty of that School.

*Lula M. Shepard Scholarships.*—Two scholarships, in the amount of \$360 and \$240 respectively, established in 1946 by bequest of Lula M. Shepard, are available to "worthy Protestant students desiring to enter the Foreign Service Department of the School of Government".

*David Spencer Scholarship.*—This scholarship of \$150, established in 1918 by Miss Louisa J. Spencer, is available under certain restrictions.

*Mary Lowell Stone Scholarship.*—This memorial scholarship, in the amount of \$200, established in 1893, is available to a woman student of science in Columbian College.

*Student Activities Scholarships.*—The University has established a limited number of Activities Scholarships for men, which will be awarded to approved applicants therefor by the Faculty Committee on Student Loans and Scholarships upon the basis of (1) need, (2) good character, (3) demonstrated aptitude for leadership, and (4) scholarship of the applicant.

Such scholarships are granted for one academic year. They may be continued, however, upon the basis on which they were granted. Recipients of Activities Scholarships must maintain the required scholastic average of the school or division in which they are registered.

The time for filing applications for Activities Scholarships and the terms of such scholarships may be ascertained by inquiry at the office of the Chairman of the Committee on Student Loans and Scholarships.

*Charles Clinton Swisher Scholarship.*—This scholarship, in the amount of \$360, established in 1941 by Professor Charles Clinton Swisher, is available to a student of medieval history.

*William Walker Scholarship.*—This scholarship was established in 1824 by William Walker, Esq. It carries an annual stipend of \$250, which is available for an undergraduate intending to enter the Christian ministry.

*John Withington Scholarship.*—This scholarship of \$125 was established in 1830 by the New York Baptist Theological Seminary.



*Ellen Woodhull Scholarship.*—This scholarship, in the amount of \$50, established by Ellen M. E. Woodhull, is available to a student in Columbian College.

*The Zonta Club of Washington, D. C., Scholarship.*—This scholarship, in the amount of \$200, offered by the Zonta Club of Washington, D. C., is available to a woman who is a senior or graduate student with special interest in a professional or business career.

#### THE COLUMBIAN WOMEN SCHOLARSHIP FUNDS

The Columbian Women Scholarships are awarded by the Scholarship Committee of the Columbian Women. Applications for these scholarships should be addressed to the Chairman of the Scholarship Committee, the Columbian Women, The George Washington University, Washington 6, D.C., not later than May 15 preceding the academic year for which the scholarship is to be awarded, or, in the case of award for the spring term, not later than January 1.

*Nellie Maynard Knapp Scholarship Fund.*—The income from this fund of \$5,000, established in 1915 in memory of a former president, Mrs. Martin A. Knapp, is available for scholarships for women.

*Founders of Columbian Women Scholarship Fund.*—The income from this fund of \$5,000, established in 1920, is available for scholarships.

*Lillian Young Herron Scholarship Fund.*—The income from this fund of \$5,000, established in 1925 and named in 1930 in memory of a former president, is available for scholarships.

*Elizabeth V. Brown Scholarship Fund.*—This fund of \$1,200 was established in 1925 by the College Women's Club of Washington, D.C., in memory of the late Elizabeth V. Brown. The income is available for a scholarship for a woman student in the School of Education.

*College Women's Scholarship Fund.*—The income from this fund of \$500, established in 1926 by the College Women's Club of Washington, D.C., is available for scholarship aid.

*Lewes D. and Myrtie H. Wilson Memorial Scholarship Fund.*—This fund of \$1,000 was established by Miss Elizabeth Wilson in 1926 as a memorial to her parents, Lewes D. and Myrtie H. Wilson. The income is available for a scholarship in the School of Medicine.

*Grace Ross Chamberlin Scholarship Fund.*—The income from this fund of \$2,300, established in 1932 in honor of a former president, is available for scholarship aid.

#### PRIZES

*Alpha Chi Sigma Prizes.*—Alpha Pi Chapter of Alpha Chi Sigma Fraternity offers annually the following prizes:

A "Handbook on Chemistry and Physics" is awarded to each of the



three students who carry at least eighteen credit hours during the freshman year and attain the highest averages in freshman chemistry.

The name and year of graduation of the student who has attained the highest quality-point index in courses in chemistry will be inscribed on a bronze plaque. The winner of this award must have had at least sixteen hours of chemistry including the final term at The George Washington University.

*Alpha Delta Pi Prize.*—Alpha Pi Chapter of Alpha Delta Pi Fraternity offers an annual prize of \$10 to the woman member of the junior class with the most outstanding record in scholarship, extra-curricular activities, and service to the University.

*Alpha Kappa Psi Prize.*—Beta Mu Chapter of Alpha Kappa Psi Fraternity awards annually a key to the male student who has completed ninety credit hours at The George Washington University and has attained the highest average grade of the students enrolled in economics, business administration, public accounting, public finance, and foreign commerce.

*American Institute of Chemists Prize.*—The District of Columbia Chapter of the American Institute of Chemists offers an annual prize of a medal and junior membership in the American Institute of Chemists to that graduating student, majoring in chemistry, who excels in scholarship and in the personal qualities of integrity and leadership.

*Byrne Thurtell Burns Memorial Prize.*—This prize of \$60 is awarded to the senior majoring in chemistry who shows the greatest proficiency in organic chemistry, as evidenced by a comprehensive examination, and who possesses such qualifications of mind, character, and personality as to give promise of future achievement.

*Martin L. Cannon Memorial Prize.*—Pi Chapter of the Alpha Zeta Omega Pharmaceutical Fraternity offers annually a copy of *The United States Dispensatory*, in memory of Dr. Martin L. Cannon, to the student in pharmacy receiving his Associate in Arts degree, who throughout his course has obtained the highest grades and at the same time contributed most to the student activities in the School of Pharmacy.

*Chi Omega Prize.*—Phi Alpha Chapter of Chi Omega Fraternity offers annually a prize of \$25 to be awarded to the woman student in the graduating class with the highest record in the following social sciences: economics, sociology, political science, and history; combined with general excellence.

*John Henry Cowles Prizes.*—These prizes, founded in 1943 by John H. Cowles, Grand Commander of the Supreme Council of the Thirty-third Degree (Mother Council of the World) of the Ancient and Accepted Scottish Rite of Freemasonry, Southern Jurisdiction of the United States of America, are awarded annually to the two best scholars

in the senior class of the School of Government. The prizes are as follows: first prize, \$100; second prize, \$50.

*DeWitt Clinton Croissant Prize.*—This prize of \$50, established by the late Professor DeWitt Clinton Croissant, is awarded annually to the undergraduate student who as a member of one of the University courses in drama or as a participant in University dramatics submits to the English Department the best essay on drama or the theatre.

*E. K. Cutter Prize.*—The E. K. Cutter Prize in English was established by the late Marion Kendall Cutter "for excellence in the study of English." An annual prize of \$50 is awarded to the member of the graduating class whose record in English, combined with general excellence, shows most marked aptitude for and attainment in English studies.

*Daughters of the American Revolution Prize.*—This prize, established by the Daughters of the American Revolution of the District of Columbia, consists of \$15, which is awarded annually to the student who, having maintained a record of distinction in American history, submits the best essay upon a topic in the period of the American Revolution.

*Isaac Davis Prizes.*—These prizes, established by the Honorable Isaac Davis, of Massachusetts, in 1847, are awarded annually to such members of the senior class as shall have made the greatest progress in public speaking during their connection with the University. The prizes are as follows: first prize, \$25; second prize, \$20; third prize, \$15.

The award of these three prizes is determined by a public-speaking contest in which the participants deliver original orations. Only members of the senior class who are candidates for the degree of Bachelor of Arts or Bachelor of Science are eligible to compete.

*Delta Zeta Prize.*—Delta Zeta Sorority offers annually a prize of \$10 to be awarded to the student maintaining the highest average in Zoology 1-2.

*Ellsworth Prize.*—The Ellsworth Prize of \$25, established by the late Mr. Fritz von Briesen, is awarded to the student doing the best work in the subject of Patent Law Practice.

*Elton Prize.*—The Elton Prize of \$20, established by the Reverend Romeo Elton, of Exeter, England, is awarded annually to the senior student having the highest average in the Greek language and literature.

*Jesse Frederick Essary Prize in Journalism.*—This memorial prize of \$100, established in 1948 by Helen Essary Murphy, is awarded annually to a student who has given promise of sound citizenship and ability in "forthright reporting" in student publication and/or under the jurisdiction of the Department of Journalism. The selection of the recipient will be made by a committee composed of the President of the University and two members of the Faculty.

*Joshua Evans III Prize in the Political and Social Sciences.*—This memorial prize of \$60, "established by friends because of an outstanding



life", is awarded annually to that man in the graduating class of The George Washington University "who has demonstrated his signal ability in the social and political sciences and who has given promise of the interpretation of that ability in good citizenship among his fellows". The selection of the recipient will be made by the President of the University and a committee from the Faculty of the Division of the Social Sciences.

*Willie E. Fitch Prize.*—The Willie E. Fitch Prize of \$75, established in 1883 by James E. Fitch, in memory of his son, is awarded annually to a senior student for the best examination in chemistry.

*Alice Douglas Goddard Prize.*—This prize of \$75 was established in 1941 by Frederick Joseph Goddard of Georgetown, D.C., in memory of Alice Douglas Goddard, and is awarded annually to the upper division student making the highest average in American literature.

*Edward Carrington Goddard Prize.*—This prize of \$75 was established in 1923 by Mary Williamson Goddard, Alice Douglas Goddard, and Frederick Joseph Goddard, of Georgetown, D.C., in memory of Edward Carrington Goddard, class of '81, and is awarded to the junior or senior student making the highest average in the French language and literature.

*James Douglas Goddard Prize.*—This prize of \$75 was established in 1923 by Mary Williamson Goddard, Alice Douglas Goddard, and Frederick Joseph Goddard, of Georgetown, D.C., in memory of James Douglas Goddard, class of '01, and is awarded to the senior student making the highest average in pharmacy.

*Morgan Richardson Goddard Prize.*—This prize of \$75 was established in 1923 by Mary Williamson Goddard, Alice Douglas Goddard, and Frederick Joseph Goddard, of Georgetown, D.C., in memory of Morgan Richardson Goddard, and is awarded to the junior or senior student making the highest average in the following fields: economics, business administration, foreign commerce, and public accounting.

*Gardiner G. Hubbard Memorial Prize in United States History.*—This prize of \$60 was established by Mrs. Gertrude M. Hubbard in memory of her husband, the late Gardiner G. Hubbard, and is awarded annually to that member of the graduating class majoring in history who has maintained the highest standing in courses in United States history.

*Kappa Kappa Gamma Prize.*—Kappa Kappa Gamma Sorority offers annually a prize of \$10 to the full-time freshman who achieves the best record in Botany 1 and 2.

*John Bell Larner Prize.*—This prize, established by the bequest of John Bell Larner, consists of a medal which is awarded annually to that member of the graduating class in the Law School who attains the highest average grade in the entire course for the degree of Bachelor of  
LAW.



*Mortar Board Prize.*—This prize, consisting of a silver cup, is awarded annually to the woman student in the sophomore class having a scholarship average of *B* or higher and the most outstanding record in activities.

*Omicron Delta Kappa Prize.*—Alpha Delta Circle of Omicron Delta Kappa Fraternity offers annually a plaque to be awarded to "that member of the senior class who throughout his course has done the most constructive work in the furtherance and upbuilding of the University student activities".

*John Ordronaux Prizes.*—These prizes were established in 1909 by the bequest of John Ordronaux.

The amount of \$150 is awarded to the member of the graduating class in the School of Medicine who has the highest scholastic standing.

The amount of \$75 is awarded annually to the student in the Law School who has attained the highest average grade in the first year, full-time course; and \$75 to the student who has attained the highest average grade in the second-year, full-time course.

*Phi Eta Sigma Prize.*—The George Washington University Chapter of Phi Eta Sigma offers annually to the male student attaining the highest scholastic average in his first full term of work, a choice book selected from the field of the recipient's major interest. The winner's name will be engraved on a plaque in the Office of the Dean of the Junior College.

*Phi Sigma Kappa Prize.*—Phi Sigma Kappa Fraternity offers annually a silver cup to the winner of an oratorical contest, open to all freshmen.

*Pi Beta Phi Prize.*—A prize of \$20 is awarded annually by the District of Columbia Alpha Chapter of Pi Beta Phi Fraternity to that woman member of the senior class who throughout her college course has done the most constructive work in the promotion of student activities among the women of the University.

*Psi Chi Prizes.*—Psi Chi, honorary society in psychology, offers annually two awards in the field of psychology: the first \$25 and a certificate to the best undergraduate student in Experimental Psychology; the second, \$25 and a certificate to the graduate student submitting the best thesis in Experimental Psychology.

*Ruggles Prize.*—The Ruggles Prize of \$35, established by Professor William Ruggles in 1859, is awarded annually to a candidate for a baccalaureate degree for excellence in mathematics.

*Sigma Kappa Prize.*—Zeta Chapter of Sigma Kappa Sorority offers an annual prize of \$10 to the student with the highest grade in the final examination in General Chemistry.

*Sigma Tau Prize.*—Xi Chapter of Sigma Tau Fraternity offers annually a medal to be awarded to that member of the freshman class in

the School of Engineering who maintains the highest scholastic standing in the work of the entire year.

*Staughton Prize.*—The Staughton Prize of \$20, established by the Reverend Romeo Elton, is awarded annually to the senior student making the best record in the Latin language and literature.

*James MacBride Sterrett, Jr., Prize.*—This prize, established in 1911 by Professor James MacBride Sterrett in memory of his son, consists of books awarded annually to that student who obtains the highest average in Physics 6, 7, and 8.

*Charles Clinton Swisher Historical Club Prize.*—This prize of \$75, established in 1936 by the Charles Clinton Swisher Historical Club and augmented in 1941 by the bequest of Professor Charles Clinton Swisher, is awarded annually to the student who submits the best essay covering some phase of medieval history.

*Theta Tau Activities Plaque.*—Gamma Beta Chapter of Theta Tau Fraternity offers annually a plaque to be awarded to that member of the senior class who has the most outstanding record in activities in the School of Engineering during the entire period of his attendance.

*Thomas F. Walsh Prize.*—This prize of \$75, established in 1901 by Thomas F. Walsh, is awarded annually to that student who submits the best essay in Irish history.

*Alexander Wilbourne Weddell Prize.*—This prize of \$300, established in 1923 by Mrs. Virginia Chase Weddell, is awarded annually to a candidate for a degree who writes the best essay on the subject of "the promotion of peace among the nations of the world". The prize essays shall become the property of the University and shall not be printed or published without the written consent of the University. The University reserves the right to withhold the award if no essay attaining the required degree of excellence is submitted.

#### FINANCIAL AID

##### INTERNSHIP

In memory of her mother, Anna Bartsch, Dr. Anna Bartsch-Dunne established in 1946 a fund to aid in the support of an internship. This aid, in the amount of \$15 a month, is awarded annually to a woman holding an internship in the University Hospital.

##### LOAN FUNDS

The following loan funds are available to students in the University in accordance with the qualifications placed thereon by the donors. Inquiries should be directed to the Office of the Comptroller.

*University Loan Fund.*—The Trustees of The George Washington University have established a loan fund of \$10,000.

*Daughters of the American Revolution Loan Fund.*—The District of Columbia Chapters of the Daughters of the American Revolution have established an endowment fund of \$5,000, the income (\$3,071.92) of which is available for loans to descendants of patriots of the American Revolution.

*Home Economics Loan Fund.*—This fund of \$382.35, contributed by the D. C. Home Economics Association, is available for loans to senior girls majoring in Home Economics.

*Kellogg Medical School Loan Fund.*—The W. K. Kellogg Foundation in Battle Creek, Michigan, has established a fund of \$16,531.79 for loans to students in the School of Medicine.

*Harris Loan Fund.*—This fund of \$400, established by George W. Harris, is available for loan to an orthoptic technician student.

*Law Association Loan Fund.*—The George Washington Law Association has established a loan fund in the amount of \$786.10 for loans to students in the Law School.

*Henry Strong Educational Foundation.*—The Henry Strong Educational Foundation, established at Chicago under the will of General Henry Strong, makes available a fund for loans to both men and women students under the age of twenty-five years.

*Henry Strong—William A. Maury Loan Fund.*—This fund, also allocated from the funds of the Henry Strong Educational Foundation, is to be loaned to students under the age of twenty-five years in the George Washington University Law School.

*Sutherland Medical School Loan Fund.*—This fund, in the amount of \$1,200 and established by Mrs. Rose L. Sutherland, is available for loans to students in the School of Medicine.



## REGULATIONS

A student enrolled in the University is required to conform to the University regulations and to comply with the rules and regulations of the college, school, or division in which he is registered.

A student who withdraws or is suspended, or is otherwise absent from the University for one term or more, may re-enter and continue his work only under the rules and regulations in force at the time of his return.

If a student knowingly makes a false statement or conceals material information on an application for admission, registration card, or any other University document, his registration may be canceled and he will be ineligible (except by special action of the Faculty) for subsequent registration in any unit of the University.

### ATTENDANCE

A student is not permitted to attend classes until registration has been completed and fees due have been paid. Regular attendance is required. A student may be dropped from any course for undue absence.

A student who has been suspended, either for delinquency in payment of fees or for any other reason, is not permitted to attend classes during the period of suspension.

For further regulations regarding attendance, consult the announcements of the several colleges and schools.

### SCHOLARSHIP REQUIREMENTS

A student who fails to maintain the scholarship requirements of the college, school, or division in which he is registered may be dismissed from the University.

### GRADES

Grades are not given out by instructors but are mailed to the student through the office of the Registrar at the close of each term. Upon request, a copy of the student's grades will be forwarded to his parent or guardian.

The following grading system is used: excellent, *A*; good, *B*; average, *C*; passing, *D*; failing, *F*. Whenever a grade has not been assigned, the symbol *Inc.* (incomplete) or the symbol *W* (authorized withdrawal) will be recorded. The symbol *Inc.* is a sign temporarily to indicate that all the required work of the course has not been completed and a satisfac-

tory explanation has been given to the instructor. An "incomplete" can not be made up after the lapse of one calendar year except by permission of the Faculty. Courses from which a student has withdrawn by proper authorization will be indicated by the symbol *W*. No student may repeat for grade a course in which he has received a grade of *D* or above, unless required to do so by the department concerned.

For graduate work, grades are indicated as "satisfactory", "unsatisfactory", or "incomplete".

For the grading systems of the Law School and the School of Medicine, see the explanations in the announcements of those schools.

#### QUALITY-POINT INDEX

Quality points are computed from grades as follows: *A*, four points; *B*, three points; *C*, two points; *D*, one point, *F*, no points, for each credit hour for which the student has registered.

Scholarship is computed in terms of the quality-point index, obtained by dividing the number of quality points by the number of credit hours for which the student has registered, both based on the complete collegiate record. Courses marked *W* or *Inc.*, are not considered in determining the index, except that courses marked *Inc.* will be considered when a formal grade is recorded, or at the close of a calendar year, whichever occurs first. If an "incomplete" is not superseded by a proper grade within the allotted time, it is computed as zero quality points. Grades in courses taken at another institution are not considered in computing the quality-point index.

#### EXAMINATIONS

Examinations are scheduled in all courses at the end of each term or at the completion of the course.

A student guilty of dishonesty in examinations is subject to the regulations of the faculty under which he is registered.

For further regulations regarding examinations, consult the announcements of the several colleges, schools, and divisions.

#### WITHDRAWAL

Withdrawal from a course or from the University, *without academic or financial penalty*, requires the permission of the dean of the college, school, or division in which the student is registered. Permission to withdraw from the University will not be granted a student who has not a clear financial record. (See "Fees and Financial Regulations", pages 21-23.)

Withdrawal between October 31 and the end of the fall term and between February 28 and the end of the spring term is permitted only in exceptional cases.

*All charges for courses dropped without the approval of the dean must be met by the student. Reporting the dropping of a course to an instructor does not effect its discontinuance.*

#### CHANGES IN PROGRAM OF STUDIES

A student may not change or drop (see "Withdrawals", above) courses or change his status to that of auditor except with the approval of the dean of the college, school, or division in which he is registered, upon presentation of adequate reasons for such changes.

Change from one section to another of the same course or from one major subject to another within the same college or school may be made with the approval of the dean. All requirements specified in the course of study to which the change is made must be satisfied before graduation.

Transfer from one college, school, or division to another may be made only with the approval of the deans concerned. Applications for such change should be made on the proper form, obtainable in the Office of the Director of Admissions, where it should be filed.

#### CREDIT

Credit toward a degree is given only after regular registration for and satisfactory completion of the required work of classes in the University, or upon the granting of advanced standing in accordance with the regulations of the several colleges, schools, and divisions.

On request the Registrar will issue to the student a balance sheet showing the amount of work completed and the amount necessary to complete the requirements for a degree.

In special instances, a person who has been admitted to the University may be registered, with the permission of the instructor, as an "auditor" in a class. An auditor is not required to take active part in the exercises or to pass examinations, but no academic credit will be allowed.

#### TRANSCRIPTS OF RECORD

Official transcripts of student records will be forwarded on request to other institutions. Unofficial copies of records will be issued to the student on request. No charge is made for the first three transcripts; a fee of one dollar is charged for each one thereafter. No certificate of work done will be issued for a student who does not have a clear financial record.



### SUMMER SCHOOL CREDIT

A student who plans to attend summer school sessions at another institution with the intention of having credits so obtained apply toward graduation from this University must first secure the written approval of the dean of his college or school. In no event will such credits be recognized to an amount in excess of that which might be earned in a similar period in this institution.

### PHYSICAL EDUCATION REQUIREMENTS

Students in the Junior College and freshmen and sophomores in the School of Engineering are required to take Physical Education 1-2 and 11-12 unless they are registered for less than 9 credit hours or unless regular employment during the day makes it necessary to take all classes during the evening hours.

Any other exemptions will be granted only upon written petition which has been recommended by the physical education department concerned and approved by the dean of the college or school in which the student is registered.

A student entering the University with advanced standing is not exempt from the physical education requirements unless he has satisfactorily met the requirements elsewhere. Courses in military training are not accepted in satisfaction of these requirements.

The required medical and physical examinations, as specified by the departments of physical education, will be arranged at the time of registration.

### GRADUATION REQUIREMENTS

To be recommended for graduation a student must have met the admission requirements of the college or school in which he is registered, completed satisfactorily the scholarship, curriculum, residence, and other requirements for the degree for which he is registered, and be free from all indebtedness to the University.

*Application for Graduation.*—Application for a degree should be filed in the Office of the Registrar at the time of registration for the last term of the senior or final year.

*Scholarship.*—In all undergraduate divisions of the University the scholarship requirement for graduation is a quality-point index of at least 2.00.

The graduate student must meet the scholarship requirements for the particular degree for which he is registered.

*Curriculum.*—Curriculum requirements for each degree are stated under the college or school offering work in preparation for the degree.

*Residence.*—In all undergraduate divisions of the University (except the Junior College where fifteen credit hours are ordinarily required), a minimum of one year, or thirty credit hours, including at least twelve credit hours in the major field, must be completed in residence. Summer term work may be counted in residence, but in no case may the period of residence aggregate less than thirty weeks. Unless special permission is granted by the dean of the college or school concerned to pursue work elsewhere, the work of the senior or final year must be completed in residence.

The graduate student must meet the residence requirements for the particular degree for which he is registered.

With the permission of the dean of the college, school, or division concerned, a student may be granted leave of absence; such student should, however, remain technically in residence by paying the residence fee for each term he is absent. For the purpose of this regulation, the summer sessions will not be considered a term.

*Attendance and Conduct.*—The University reserves the right to refuse to confer a degree upon a candidate whose attendance or conduct has been unsatisfactory.

*Thesis or Dissertation.*—A thesis or dissertation submitted in partial satisfaction of requirements for the Master's degrees, the professional degrees in engineering, the degree of Doctor of Education, the degree of Doctor of Juridical Science, or the degree of Doctor of Philosophy must be presented in its final form to the dean of the college or school concerned not later than the date specified in the University calendar. Three\* copies of each thesis or dissertation are required, one typewritten original and two legible and complete carbon copies. Detailed instructions for the styling of all theses and dissertations should be obtained from the appropriate dean.

Accepted theses or dissertations, with accompanying drawings, become the property of the University and are deposited in the University Library, where the duplicate copies are bound and made available for circulation. Permission to publish or adapt material in the thesis or dissertation must be secured from the appropriate dean.

*Presence at Graduation.*—A candidate is required to be present at the graduation exercises unless written application for graduation in absentia is approved by the dean of his college or school.

#### HONORS

*With distinction.*—In all undergraduate divisions of the University the degree may be conferred "with distinction", at the discretion of the Faculty, if a student attains a quality-point index of 3.50 or higher on

\* In the School of Education, four copies.

all work taken at this institution except that taken during the term immediately preceding the granting of the degree. To be eligible for this honor a student must have completed at this institution at least one-half of the work required for the degree.

In the School of Medicine and the Law School, degrees may be conferred "with distinction", at the discretion of the Faculty, on those students who attain an average of *A* on all work taken for the degrees.

*Special honors.*—Special honors may be awarded by the Faculty to any member of the graduating class for outstanding achievement in the student's major field of work on recommendation of the major department, under the following regulations:

1. The student must have his candidacy for special honors approved by the faculty member representing the major department or field not later than the beginning of the senior year.
2. The student must meet such other conditions as may be set at the time his candidacy is approved.
3. No student will be awarded special honors unless he has a quality-point index of at least 3.00 on all work taken at this institution except that taken during the term immediately preceding the granting of the degree.
4. To be eligible for honors a student must have completed at this institution at least one-half of the work required for the degree prior to the beginning of the term immediately preceding the granting of the degree.

#### THE LIBRARY

A student registered in the University is entitled to the reference use of the University Library. The University Membership Card, issued upon the payment of fees, must be presented as identification.

Library books, with the exception of those in the Law and Medical collections, may be drawn for home use for a period of two weeks. Any book which does circulate is subject to recall by the Librarian at any time. Reserve books and periodicals for collateral reading must be used in the reading rooms when the Library is open. With special permission they may be drawn for overnight use when the Library closes. A fine of twenty-five cents will be charged for the first hour or fraction of an hour and five cents for each hour or fraction thereafter that a reserve book is overdue. Grades of a student will be withheld until his library record is clear.

#### HOURS

The University Library is open from 9:00 A.M. to 10:00 P.M. each class day (Saturday 9:00 A.M. to 5:00 P.M.), and from 2:00 to 6:00 P.M. on Sunday.



The Law Library is open from 9:00 A.M. to 10:00 P.M. each class day (Saturday, 9:00 A.M. to 5:00 P.M.), and from 2:00 to 6:00 P.M. on Sunday.

The Medical Library is open from 9:00 A.M. to 9:00 P.M. each class day (Saturday, 9:00 A.M. to 1:00 P.M.).

#### RIGHT TO DISMISS STUDENTS

The right is reserved by the University to dismiss or exclude any student from the University, or from any class or classes, whenever, in the interest of the student or the University, the University Administration deems it advisable to do so.

#### RIGHT TO CHANGE RULES

The University and its various colleges, schools, and divisions reserve the right to modify or change requirements, rules, and fees. Such regulations shall go into force whenever the proper authorities may determine.

#### PROPERTY RESPONSIBILITY

The University is not responsible for the loss of personal property in any University building.

## VETERANS EDUCATION

The Office of Veterans Education of The George Washington University operates as a service bureau for veterans interested in studying at the University and acts in a liaison capacity between the University and the Veterans Administration. Here information will be given concerning the educational program of the University and the procedure for securing the educational benefits of the "GI Bill."

Veterans who are undecided concerning vocational plans will be referred to the Counseling Center for expert vocational guidance by experienced counselors and psychometrists.

Special bulletins on veterans educational opportunities at The George Washington University may be obtained from the Admissions Office.

Attention is invited to the provision of law which prescribes that courses under the GI Bill must be "initiated not later than four years after either the date of discharge or the termination of the present war, whichever is the later". For most veterans this means that the course must be initiated by July 24, 1951.

### AUTHORIZATION FROM THE VETERANS ADMINISTRATION

At least thirty days prior to registration the veteran should apply to the Regional Office of the Veterans Administration, 1825 H Street, NW., for a Certificate of Eligibility and Entitlement or, if entitled to vocational rehabilitation, a letter approving training under Public Law 16 for presentation to the Office of Veterans Education at the time of registration. A photostatic copy of separation papers must accompany the original application for certification. Veterans who have attended another institution under the GI Bill must obtain a Supplemental Certificate of Eligibility to present to this University.

Veterans already enrolled in the University are requested to consult the Office of Veterans Education prior to making any changes in academic program, because of changes in Veterans Administration regulations concerning Supplemental Certification.

### ADMISSION

The entrance requirements for the Junior College, Columbian College, and the School of Government, in other than the pre-professional curricula, have been somewhat modified for veterans who are deficient in the regular requirements for admission, but who have been found by psychological and educational tests able to undertake college work. Veterans who have been enrolled in another educational institution since

leaving the service, or who have been out of the service for more than one year prior to the beginning of the term for which they seek admission, must qualify under the regular admissions policies. (For admission requirements and procedure, see pages 11-19.)

Credit for work done in the service schools is granted by the Junior College, Columbian College, the School of Engineering, and the School of Government provided the veteran has not been out of the service for three years or more. To be considered for such credit, veterans should submit to the Director of Admissions photostatic copies of their records indicating courses successfully completed with sufficient identification of the course to enable the Admissions Office to locate it in the Guide to Evaluation of Educational Experience in the Armed Forces.

#### CONTINUOUS REGISTRATION

By carrying a continuous program throughout the fall, winter, and summer terms, the veteran may complete a four-year college course in three calendar years with no interruption in his subsistence payments.



THE COLLEGES, SCHOOLS, AND DIVISIONS



## THE JUNIOR COLLEGE

### THE FACULTY AND STAFF OF INSTRUCTION •

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University*  
Myron Law Koenig, Ph.D., *Dean of the Junior College*  
William Lewis Turner, A.M., *Assistant Dean of the Junior College*  
Katharine Rogers Adams, Ph.D., *Assistant Dean in the Junior College*  
George Martin Koehl, A.M., *Assistant Dean in the Junior College*  
Carr Bartleson Lavell, A.M., *Assistant Dean in the Junior College*

---

Thomas Benjamin Brown, Ph.D., *Professor of Physics*  
Henry Grattan Doyle, A.M., LL.D., Litt.D., *Professor of Romance Languages*  
Norris Ingersoll Crandall, M.Arch., *Professor of Art*  
Edward Henry Sehrt, Ph.D., *Professor of German*  
Walter Lynn Cheney, Ph.D., *Professor of Physics*  
Elmer Louis Kayser, Ph.D., LL.D., *Professor of European History*  
Donnell Brooks Young, Ph.D., *Professor of Zoology*  
Warren Reed West, Ph.D., *Professor of Political Science*  
Ruth Harriet Atwell, A.M., *Professor of Physical Education for Women*  
Francis Edgar Johnston, Ph.D., *Professor of Mathematics*  
Benjamin Douglass Van Evera, Ph.D., *Professor of Chemistry*  
Merle Irving Protzman, Ph.D., *Professor of Romance Languages*  
Ralph Dale Kennedy, Ph.D., *Professor of Accounting*  
Florence Marie Mears, Ph.D., *Professor of Mathematics*  
Wood Gray, Ph.D., *Professor of American History*  
Thelma Hunt, Ph.D., M.D., *Professor of Psychology*  
Ira Bowers Hansen, Ph.D., *Professor of Zoology*  
Paul William Bowman, Ph.D., *Professor of Biology*  
Lawson Edwin Yocum, Ph.D., *Professor of Botany*  
Arthur Edward Burns, Ph.D., *Professor of Economics*  
John Withrow Brewer, Ph.D., *Professor of International Law*  
Frances Kirkpatrick, A.M., *Professor of Home Economics*  
Louis Clark Keating, Ph.D., *Professor of Romance Languages*  
William Henry Myers, A.M., *Professor of Physical Education for Men*  
Harold Loran Geisert, Ph.D., *Professor of Sociology*  
Samuel Nathaniel Wrenn, Ph.D., *Professor of Chemistry*  
Charles Rudolph Naeser, Ph.D., *Professor of Chemistry*

• The President of the University, the Dean and Assistant Deans (Junior College), the Registrar of the University, the Director of Admissions of the University, Professors, Adjunct Professors, Associate Professors, Assistant Professors, and Instructors constitute the Faculty.



Howard Maxwell Merriman, Ph.D., *Professor of American Diplomatic History*

Ernest Sewall Shepard, A.M., *Professor of English Literature*

Charles Watson Bliven, M.S., *Professor of Pharmacy*

Alan Thomas Deibert, A.M., *Professor of Romance Languages*

Donald Stevenson Watson, Ph.D., *Professor of Economics*

Myron Law Koenig, Ph.D., *Professor of American History*

Calvin Darlington Linton, Ph.D., *Professor of English Literature*

\*Charles Edward Gauss, Mus.B., Ph.D., *Elton Professor of Philosophy*

Elbridge Colby, Ph.D., *Professor of Journalism*

Donald Chenoweth Kline, B.Arch., *Associate Professor of Art*

John Francis Latimer, Ph.D., *Associate Professor of Classical Languages and Literatures*

Helen Bennett Lawrence, A.M., *Associate Professor of Physical Education for Women*

Irene Cornwell, Ph.D., *Associate Professor of French*

Kathryn Mildred Towne, A.M., *Associate Professor of Home Economics*

Antonio Alonso, A.M., *Associate Professor of Spanish*

Charles William Cole, Ph.D., *Associate Professor of American Literature*

Gretchen Louisa Rogers, Ph.D., *Associate Professor of German*

Wolfram Karl Legner, Ph.D., *Associate Professor of German*

Joseph Henry Krupa, M.S., *Associate Professor of Physical Education for Men*

Elizabeth Burtner, A.M., *Associate Professor of Physical Education for Women*

George Martin Koehl, A.M., *Associate Professor of Physics*

Lubin Poe Leggette, A.M., *Associate Professor of Speech*

Robert Dale Campbell, Ph.D., *Associate Professor of Geography*

Lawrence Daniel Folkemer, Ph.D., *Associate Professor of Religion*

Robert Randal Meijer, Ph.D., *Associate Professor of Physics*

Robert Corbin Vincent, Ph.D., *Associate Professor of Chemistry*

William Lewis Turner, A.M., *Associate Professor of English*

Averett Howard, A.M., *Associate Professor of English Composition*

Curtis Edward Tuthill, Ph.D., *Associate Professor of Psychology*

Roderic Hollett Davison, Ph.D., *Associate Professor of European History*

George Francis Henigan, Jr., Ph.M., *Associate Professor of Speech*

Robert Hamilton Moore, Ph.D., *Associate Professor of English Composition*

Edith Elizabeth Mortensen, Ph.D., *Associate Professor of Zoology*

Calvin Weir Pettit, Ph.M., *Associate Professor of Speech*

\* On leave of absence 1951-52.

- Edwin Lockwood Stevens, A.M., *Associate Professor of Speech*  
 Reuben Esselstyn Wood, Ph.D., *Assistant Professor of Chemistry*  
 Raymond George Hanken, B.S. in P.E., *Assistant Professor of Physical Education for Men*  
 Muriel Hope McClanahan, Ph.D., *Assistant Professor of English*  
 Nels David Nelson, Ph.D., *Assistant Professor of Mathematics*  
 Sam Clark Munson, M.S., *Assistant Professor of Biology*  
 Paul Edward Hanchett, Ph.D., *Assistant Professor of Economics*  
 Martin Steele Day, Ph.D., *Assistant Professor of English*  
 James Harold Coberly, Ph.D., *Assistant Professor of American Literature*  
 Willard Edmund Caldwell, Ph.D., *Assistant Professor of Psychology*  
 Carr Bartleson Lavell, A.M., *Assistant Professor of Sociology*  
 Phyllis Annette Nichols, A.M., *Assistant Professor of English*  
 Vera Lillian Mowry, Ph.D., *Assistant Professor of English*  
 \*William Franklin Jewell III, M.S., *Assistant Professor of Geography*  
 Daniel Remsen Norton, Ph.D., *Assistant Professor of Chemistry*  
 William Frederick Sager, Ph.D., *Assistant Professor of Chemistry*  
 Ronald Bettes Thompson, A.B., *Assistant Professor of European History*  
 Rafael Supervia, Doctor en Derecho, *Assistant Professor of Spanish*  
 James Willard Harkness, B.S., Ed.M., *Assistant Professor of Chemistry*  
 John Gage Allee, Jr., A.M., *Assistant Professor of English*  
 Bernard Hayman Fox, Ph.D., *Assistant Professor of Psychology*  
 Gilbert Pierce Haight, Jr., Ph.D., *Assistant Professor of Chemistry*  
 Richard Catlin Haskett, A.M., *Assistant Professor of American History*  
 John Edward Cantlon, B.S., *Assistant Professor of Botany*  
 James Willis Robb, A.B., *Assistant Professor of Romance Languages*  
 \*Ruth Elsie Jones, A.M., *Assistant Professor of English Composition*  
 Mary Carman Rose, Ph.D., *Assistant Professor of Philosophy*  
 Earl Larkin Williams, A.M., *Lecturer in Mathematics*  
 Theodore Peter Perros, M.S., *Instructor in Chemistry*  
 Edith Shores Surrey, A.M., *Instructor in Speech*  
 Arthur Castner Christman, Jr., M.S., *Instructor in Physics*  
 Charles Lawrence Marks, A.M., *Instructor in Statistics*  
 †Jonathan Dayton Stoddart, A.M., *Instructor in Political Science*  
 §William Adriance Withington, A.M., *Instructor in Geography*  
 Lee Sheward Bielski, A.M., *Instructor in Speech*  
 Edith Louise Williams, A.M., *Instructor in English Composition*  
 Frederick Charles Kurtz, M.B.A., *Instructor in Accounting*  
 Francis Lincoln Lambert, B.S., *Instructor in Zoology*  
 William Vorenberg, A.M., *Instructor in Speech*

\* On leave of absence 1951-52.

† On military leave effective February 4, 1951.

§ On leave of absence fall term 1951-52.

\*Nicholas Trephon Cokenias, A.M., *Instructor in German*  
 William Graham Clubb, A.M., *Instructor in French*  
 Gordon Edward Bell, M.B.A., *Instructor in Accounting*  
 Mary Brierton Curry, A.M., *Instructor in Secretarial Studies*  
 William Franklin Heckert, M.S., *Instructor in Physics*  
 Nancy Carolyn Rupp, B.S., *Instructor in Physical Education for Women*  
 Wilson Emerson Schmidt, A.M., *Instructor in Economics*

## COMMITTEES ‡

## THE DEAN'S COUNCIL §

1952

Wolfram Karl Legner  
 Robert Corbin Vincent

1953

Howard Maxwell Merriman  
 Elbridge Colby

1954

Roderic Hollett Davison  
 Lawrence Daniel Folkemer

## COMMITTEE ON ADMISSION AND ADVANCED STANDING

William Lewis Turner, *Chairman*  
 George Martin Koehl, *Vice-Chairman*  
 Donnell Brooks Young                      Alan Thomas Deibert  
 Edwin Lockwood Stevens                  Vera Lillian Mowry

## COMMITTEE ON SCHOLARSHIP

Katharine Rogers Adams, *Chairman*  
 Carr Bartleson Lavell, *Vice-Chairman*  
 Kathryn Mildred Towne                      Wolfram Karl Legner  
 Raymond George Hanken                   Martin Steele Day  
 Gilbert Pierce Haight                      Mary Carman Rose

## JUNIOR COLLEGE ADVISORY COMMITTEE

Dean of the Junior College, *Chairman*  
 Assistant Dean of the Junior College, *Vice-Chairman*  
 Samuel Nathaniel Wrenn                      George Martin Koehl  
 Carr Bartleson Lavell                          Katharine Rogers Adams

\* On national service leave effective February 1, 1951.

‡ The President of the University and the Dean of the Junior College are members ex officio of all committees.

§ Elected by the Faculty.



## GENERAL INFORMATION

## INTRODUCTORY

The Junior College, which comprises the first two years of the standard four-year college program in the liberal arts and sciences, was established in 1930 as a part of the academic reorganization of the University. Prior to 1930, the four-year program had been administered by Columbian College since its organization in 1821.

The Junior College curricula continue the studies of a general cultural nature begun in the secondary schools, and lay a foundation for the more specialized work which is to follow. Emphasis is accordingly laid (1) upon the social, cultural, biological, and physical background of civilization (history, political science, physical and biological sciences, literature, etc.) and (2) upon the discipline necessary to the effective prosecution of more advanced work (English rhetoric and composition, foreign languages, mathematics, etc.).

The Junior College also provides the pre-professional work required for admission to the schools of Pharmacy, Education, and Government, and the first two years of the pre-professional work required by the schools of Medicine and Law.

In addition it provides two-year curricula in vocational training.

## ADVISORY SYSTEM

In order that students may have opportunities for assistance in planning their courses and also for obtaining personal, educational, and vocational advice in every phase of their academic work during the first two years, a number of members of the Faculty serve as advisers to Junior College students.

Members of the Faculty, selected for their knowledge of Junior College requirements and student programs, advise students in making up their programs of study for each term. A separate staff of experienced advisers under the chairmanship of the Dean assists those students who find it difficult to make adjustments to college life because of scholastic or other reasons. Students who are "warned" or who are on probation may be required to consult these advisers at regular intervals. Students are encouraged to consult any member of the Advisory Staff or their instructors about college problems at any time.

Copies of notices of "warning" or probation will be sent to the parents or guardians of students on request, and the Dean and members of the Advisory Staff are available for consultation with parents or guardians concerning student problems.

## REGULATIONS

*Students in the Junior College are subject to, and are expected to familiarize themselves with, the regulations regarding ADMISSION, REGISTRATION, FEES AND FINANCES stated on pages 11-23, and the University regulations stated on pages 36-42.*

## SCHOLASTIC-APTITUDE TESTS

Students admitted to the Junior College may be required to take the scholastic-aptitude tests of the University.

## REQUIRED PLACEMENT EXAMINATIONS

*English.*—Special placement examinations, required of all entering freshmen, will be conducted by the English Department. Students registered in English 1 are tested in the minimum essentials of standard usage, vocabulary, writing skill, and reading speed and comprehension. Those students who show marked superiority may be exempted from one or both terms of the course; those who are inadequately prepared for the course will be assigned to English A.

*Romance Languages.*—A standardized placement examination will be required of all entering students who wish to continue in college the language begun in high school. Upon completion of the examination assignment will be made to the appropriate course with credit to be assigned on the usual basis. This does not apply to students whose previous experience in a given language is equivalent to two college years.

*The Use of Correct English.*—The use of correct English, oral or written, is required not only in English but also in all other courses (see page 73).

## FIRST- AND SECOND-GROUP COURSES

A Junior College student may not take second-group courses (courses numbered 101-200) without the written permission of the instructor and of the Dean of the Junior College. A student will not be permitted to postpone a first-group course, required under the curriculum for which he is registered in order to take a second-group course for elective credit. The principle that first-group courses must be taken in the Junior College years, and advanced courses in Columbian College and the professional schools, will be rigidly adhered to in approving student programs. No student on probation is permitted to take second-group courses except by the express permission of the Committee on Scholarship.

### AMOUNT OF WORK

Fifteen or sixteen credit hours, not including required physical education, constitute normal work. A student not on probation may be permitted by the Dean to take seventeen credit hours.

A student having a quality-point index of 3.50 may, with the permission of the Dean, take eighteen or nineteen credit hours. No student may take more than nineteen credit hours, except with the permission of the Committee on Scholarship.

For an employed student working more than twenty-four hours a week, nine credit hours, not including required physical education, constitute normal work. An employed student not on probation may be permitted by the Dean to take ten credit hours. An employed student having a quality-point index of 3.50 may be permitted by the Dean to take twelve or thirteen credit hours.

A student previously unemployed who accepts employment subsequent to registration or at any time during a term is required to report that fact immediately to the Dean, to bring his program within the limitations set by the Faculty for the amount of work to be carried by an employed student.

### ATTENDANCE

The student is held responsible to the instructor in charge of the course for which he is registered for all the work of the course, and all absences must be excused before provision will be made for him to make up the work missed.

With the exceptions noted below, occasional absences, not to exceed in number for each term the credit hours for the term, will be automatically excused. (If a course has distinct divisions such as lectures, laboratories, recitations, etc., these excuses apply pro rata to such separate divisions.) In the application of this rule absences immediately preceding or following holiday periods are to be counted double.

Such automatic excuses are intended to cover the occasional minor exigencies and not to constitute an indiscriminate privilege. A student on probation is allowed no automatic excuses.

Excuses for absences from two or more consecutive class periods, and for absences from examinations which have been announced in advance, can be obtained only by making written application to the instructor in charge of the course.

A student whose absences from any class, whether excused or unexcused, are in excess of one-fourth of the total number of class periods will receive the grade of *F* for the course, except by special ruling of the Dean on recommendation of the instructor in the course.



## CLASSIFICATION OF STUDENTS

A student who has satisfactorily completed at least thirty-two credit hours of work, including eighteen credit hours in his curriculum requirements, is classed as a *sophomore*.

## THE DEGREE OF ASSOCIATE IN ARTS

Upon the satisfactory completion of the requirements of the Junior College, the degree of Associate in Arts is conferred.

## REQUIREMENTS FOR THE DEGREE

## SCHOLARSHIP

The system of grading and of computing scholarship is described in detail on pages 36 and 37.

In order to receive the degree of Associate in Arts a student must have a quality-point index of at least 2.00.

*Honor Roll.*—The name of every student who has a quality-point index of 3.50 or higher will be placed on the honor roll and published. No consideration is given to those who have completed a total of less than fifteen credit hours. A place on the honor roll does not necessarily mean that the student will receive honors upon graduation.

*Probation.*—A student must maintain a quality-point index of at least 2.00 or be placed on probation.

A student remains on probation as long as his quality-point index is below 2.00; however, the student who has a quality-point index between 1.50 and 2.00 will be considered by the Committee on Scholarship, which may retain him on probation or suspend him.

*Suspension.*—A student who has a quality-point index below 1.50 will be suspended; however, a student who has a quality-point index between 1.40 and 1.50 will be considered by the Committee on Scholarship, which may retain him on probation or suspend him.

A student who is subject to probation for the third time, whether successive or after an interval, will be suspended.

For the purpose of these rules, the work taken in the summer sessions is considered one term.

A student suspended for poor scholarship may apply for readmission after an interval of two terms. On application for readmission the student must submit specific evidence to the Committee on Scholarship that he is better qualified to pursue college work. A student suspended twice for poor scholarship will not be readmitted.

The foregoing scholarship rules are applied when a student has under-

taken a minimum of twelve hours. Thereafter, the rules are applied in multiples of nine hours.

*Warnings.*—At stated intervals during the academic year instructors file in the Office of the Junior College the names of those students who are doing work of *D* grade or lower. A "warning" will then be sent to the student and a copy of the warning filed with the appropriate adviser. A "warning" constitutes notice to the student that he must consult his instructor and adviser at the earliest opportunity. "Warning periods" are established between the 7th and 8th weeks of the fall and winter terms.

#### CURRICULUM REQUIREMENTS

The satisfactory completion of sixty credit hours of college work, exclusive of physical education, is required as outlined in one of the Junior College curricula described below.

Except for students registered for the combined degrees of Bachelor of Arts and Doctor of Medicine, not more than twelve credit hours of professional courses may be included in the one hundred and twenty credit hours required for the Bachelor's degrees in Columbian College. Junior College students electing professional courses under this rule must obtain the approval of the Dean of the Junior College.

*Physical Education Requirements.*—Physical education is required of all students in the freshman and sophomore years. (See "Physical Education Requirements", page 39.)

*Foreign Language Requirements.*—For the degree of Associate in Arts a student must have completed satisfactorily the equivalent of two years of college work in a single foreign language except in the pre-pharmacy and pre-physical education curricula and the terminal curricula in Secretarial Studies and Accounting. (See "Placement Examination", page 52.)

A student offering for admission four acceptable high school units of a single foreign language, or the equivalent, is not required to take any foreign language. If he offers three units, he must complete the second term of the second-year college course in the same language. If he offers two units, he must complete the entire second-year college course in the same language. If he offers one unit, he must complete the second term of the first-year college course and the entire second-year course in the same language.

In some instances foreign languages are required or recommended as a preparation for advanced work in Columbian College and the professional schools. The student should consult his adviser as to these requirements, so that appropriate foreign languages may be included, when necessary, in his Junior College program.

### Curricula for Admission to Columbian College and the Professional Schools

Each of the following curricula comprises the first two years of a standard four-year college course and prepares the student for upper division work. Requirements for graduation from the Junior College may not be the same as the requirements for admission to Columbian College or a professional school. Therefore, the student should consult the specific admission requirements of the college or school for which he is preparing.

The first sixty credit hours of the ninety required for admission to the School of Medicine are undertaken in the Junior College. Each premedical program must be approved by the premedical adviser. For specific requirements, see "Admissions", pages 14-15.

#### COLUMBIAN COLLEGE:

##### 1. ARTS AND LETTERS\*

The following two-year curriculum prepares for the Bachelor of Arts program in Columbian College:

	Credit Hours
English .....	English 1-2 ..... 6
	English 51-52, 71-72, 91-92, Art 11-12, 71-72, Classical Languages 71-72, or Philosophy 51-52 ..... 6
Foreign Language .....	See page 55 for foreign language requirement.. 12
Social Studies .....	Economics 1-2, History 39-40 or 71-72, Political Science 9-10, or Sociology 1-2..... 6
Science .....	Biology 1-2, Botany 1-2, Chemistry 3-4, 11-12, Physics 5, 7 (6, 7) (5, 6), or Zoology 1-2...6 or 8
Physical Education .....	See page 39 for statement of requirement.
Elective† .....	22 to 24
Total.....	60 or 62

##### 2. SCIENCE\*

The following two-year curriculum prepares for the Bachelor of Science curriculum in Columbian College:

	Credit Hours
English .....	English 1-2 ..... 6
	English 51-52, 71-72, 91-92, Art 11-12, 71-72, Classical Languages 71-72, or Philosophy 51-52 (Elective if 6 hours of Social Studies are taken—see below) ..... 6

\* Students who have had high school courses in chemistry, mathematics, and physics should consult the description of the beginning courses in these fields. For the degree of Bachelor of Science, the student should obtain the advice of the major departments as to proper prerequisite and collateral courses for the intended major.

† Credit is not given for courses elected in Physical Education or Secretarial Studies.



	Credit Hours
Foreign Language ... French or German or non-science elective.....	12
NOTE.—A reading knowledge of French or German is required. This may be satisfied by French 4 or German 4 or by special examination.	
Mathematics ..... Mathematics 3, 6 or electives.....	6
NOTE.—The Mathematics 3 requirement may be satisfied by offering two years of high school algebra acceptable for admission; the Mathematics 6 requirement may be satisfied by offering one-half year of high school trigonometry acceptable for admission.	
Social Studies ..... Economics 1-2, History 39-40, 71-72, Political Science 9-10, or Sociology 1-2 (Elective if 6 hours in the English, Art, Classical Languages, Philosophy group are taken—see above)	6
Science ..... (a) Biology 1-2, Botany 1-2, Zoology 1-2 (b) Chemistry 11-12, Physics 5, 7 (6, 7) (5, 6) .....	18 to 22
(In satisfying this requirement, at least one year-course must be taken in both groups (a) and (b).)	
Physical Education .. See page 39 for statement of requirement.	
Elective*.....	2 to 12
Total.....	60 to 64

## SCHOOL OF PHARMACY:

The following two-year curriculum prepares for the Bachelor of Science in Pharmacy curriculum in the School of Pharmacy:

	Credit Hours
English ..... English 1-2 .....	6
Science ..... Botany 1 or 2, Chemistry 11-12, Physics 5-6, Zoology 1 (Freshman year).....	21
Chemistry 21-22 (Sophomore year).....	8
Social Studies ..... Economics 1 .....	3
Professional Courses Pharmacy 1-2 (Freshman year).....	2
Pharmacy 21-22, 23, 25 .....	14
Elective .....	15
Physical Education .. See page 39 for statement of requirement.	
Total.....	69

\* Credit is not given for courses elected in Physical Education or Secretarial Studies.

**SCHOOL OF EDUCATION:****1. EDUCATION**

The following two-year curriculum prepares for the Bachelor of Arts in Education curriculum in the School of Education:

	Credit Hours
English ..... English 1-2 .....	6
English 51-52, 71-72, or 91-92.....	6
Foreign Language ... (French, German, Latin, or Spanish). See page 55 for foreign language requirement.....	12
Social Studies ..... History 71-72 .....	6
Economics 1-2; Geography 121-22; History 39-40; Political Science 9-10; or Sociology 1-2. (Those offering for admission two or more acceptable senior high school units in the Social Studies may be exempted from this requirement) .....	6
Science and Mathematics..... Two terms to supplement senior high school courses, selected from: Biology 1-2; Botany 1-2; Chemistry 3-4, 11-12; Physics 5 and 6 or 7; Zoology 1-2; or Mathematics 3 and 6 or 6 and 12.....	6 or 8
Other Courses ..... Psychology 1 and 22.....	6
Speech 1 or 11.....	3
Statistics 53 .....	3
Physical Education .. See page 39 for statement of requirement.	
Elective .....	4 to 6
Total.....	60

**2. HOME ECONOMICS**

The following two-year curriculum prepares for the Bachelor of Science in Home Economics curriculum in the School of Education:

	Credit Hours
English ..... English 1-2 .....	6
English 51-52, 71-72; Speech 1, 2 (1, 11).....	6
Foreign Language ... (French, German, Latin, or Spanish). See page 55 for foreign language requirement.....	12
Social Studies* ..... Economics, History, Political Science, or Soci- ology .....	6
Science ..... Chemistry 3-4, 11-12 (Sophomore year).....	8

\* Courses selected with the recommendation of the adviser in the Department of Home Economics.

	Credit Hours
Psychology ..... Psychology 1 .....	3
Physical Education .. See page 39 for statement of requirement.	
Curriculum Electives. Home Economics 1, 22 (Freshman year) .....	6
Home Economics 51, 62 (Sophomore year) .....	6
Academic Electives .. (Freshman year) .....	3
(Sophomore year) .....	4
Total .....	60

## 3. PHYSICAL EDUCATION FOR MEN

The following two-year curriculum prepares for the Bachelor of Science in Physical Education curriculum in the School of Education:

	Credit Hours
English ..... English 1-2 .....	6
Social Studies ..... History 39-40, 71-72, Political Science 9-10, or Sociology 1-2 (Freshman year) .....	6
Economics, History, or Political Science (Sophomore year) .....	6
Science ..... Biology 1-2 or Zoology 1-2 (Freshman year) ..	6 or 8
Physical Education .. See page 39 for statement of requirement.	
Curriculum Electives. Physical Education 43-44, 47; Speech 1 or 11 (Freshman year) .....	9
Physical Education 45-46, 49, 50, 58; Psychology 1, 22 (Sophomore year) .....	18
Elective .....	9
Total .....	60 or 62

## 4. PHYSICAL EDUCATION FOR WOMEN

The following two-year curriculum prepares for the Bachelor of Science in Physical Education curriculum in the School of Education:

	Credit Hours
English ..... English 1-2 .....	6
English 51-52, 71-72, or 91-92 .....	6
Social Studies ..... History 39-40, 71-72; Political Science 9-10; or Sociology 1-2 .....	6
Science ..... Biology 1-2 or Zoology 1-2 .....	6 or 8
Physical Education .. See page 39 for statement of requirement.	
Curriculum Electives. Physical Education 43-44 (Freshman year) .....	4
Physical Education 45-46, 49, 50; Psychology 1, 22 (Sophomore year) .....	16
Academic Electives .. (Each year) .....	6 or 8
Total .....	60 or 62



**SCHOOL OF GOVERNMENT:****1. ACCOUNTING AND BUSINESS ADMINISTRATION**

The following two-year curriculum prepares for the Bachelor of Arts in Government curricula in Accounting and in Business Administration in the School of Government:

	Credit Hours
Accounting ..... Accounting 1-2 .....	6
English ..... English 1-2 .....	6
Foreign Language ... See page 55 for foreign language requirement...	12
Social Studies ..... Economics 1-2 .....	6
History 71-72 or Political Science 9-10.....	6
Speech I .....	3
Statistics ..... Statistics 51, 52 .....	6
Physical Education .. See page 39 for statement of requirement.	
Elective ..... (Students interested in Foreign Commerce in- clude Geography 51) .....	15
Total.....	60

**2. FOREIGN AFFAIRS**

The following two-year curriculum prepares for the Bachelor of Arts in Government curriculum in Foreign Affairs in the School of Government:

	Credit Hours
English ..... English 1-2 .....	6
Foreign Language ... See page 55 for foreign language requirement...	12
Social Studies ..... Economics 1-2, History 39-40, 71-72; Political Science 9-10 .....	24
Mathematics, Science. Biology, Botany, Chemistry, Mathematics, Phys- ics, Statistics, or Zoology.....	6 or 8
Physical Education .. See page 39 for statement of requirement.	
Elective ..... (To satisfy minimum required credits. Students interested in Foreign Service include Geog- raphy 51.) .....	12
Total.....	60 or 62

**3. STATISTICS**

The following two-year curriculum prepares for the Bachelor of Arts in Government curriculum in Statistics in the School of Government:

	Credit Hours
English ..... English 1-2 .....	6
Foreign Language ... See page 55 for foreign language requirement..	12

	Credit Hours
Social Studies ..... Economics 1-2, Philosophy 51-52.....	12
Mathematics ..... Mathematics 20 and prerequisites.....	3 to 12
Physical Education .. See page 39 for statement of requirement.	
Elective .....	18 to 27
Total.....	60

### VOCATIONAL CURRICULA

In addition to the above curricula, all of which prepare for admission to upper division colleges and schools, the Junior College offers the following two-year terminal courses.

#### 1. SECRETARIAL STUDIES

	Credit Hours
English ..... English 1-2 .....	6
English 51-52, 71-72, or 91-92 .....	6
Secretarial Studies 51 .....	3
Social Studies ..... Economics 1-2 .....	6
General ..... Accounting 1 .....	3
Speech 11 .....	3
Secretarial Skills* ... Secretarial Studies 1, 2, 11, 12, 15, 16, and 54..	21
Physical Education .. See page 39 for statement of requirement.	
Elective ..... (To be selected with approval of adviser).....	12
Total.....	60

#### 2. ACCOUNTING

The required work may be completed in two years on a full-time basis or in three years on a part-time basis, with the approval of the adviser.

##### REQUIRED COURSES

	Credit Hours
Accounting 1-2.....	6
Accounting 102.....	3
Accounting 111.....	3
Accounting 137.....	3
Accounting 147.....	3
Accounting 151-52.....	6
Accounting 153.....	3
Accounting 161.....	3

\* Qualified students, upon the approval of the adviser or the satisfactory completion of a placement test, may waive Secretarial Studies 1, 11, and 12. Other courses, approved by the adviser, will be substituted.

	Credit Hours
Business Administration 102.....	3
Business Administration 131 .....	3
Economics 1-2.....	6
English 1-2.....	6
Political Science 127.....	3
Political Science 128.....	3
Physical Education	
See page 39 for statement of re- quirement.	
Elective .....	6
(To be selected with the ap- proval of the adviser.)	
Total.....	60

#### Examinations for Waiving Curriculum Requirements \*

A student desiring to omit a required course may take such examination as the department prescribes, and, on passing satisfactorily, he may be relieved of the curriculum requirements in that subject and may qualify for registration in an advanced course. Passing this examination does not entitle the student to any hours of credit toward the degree. A student desiring to take such examinations should make written request of the Dean and pay the required fee at the Office of the Comptroller before the date of the examination specified in the University calendar.

#### Honors

The degree of Associate in Arts may be conferred "with distinction" upon the student who has a quality-point index of 3.50 or higher, provided that student has been in residence at the University for 30 hours, 15 of which must have been taken in the Junior College at the time the index is calculated.

\* This provision does not apply to the premedical student, all of whose required premedical work must be taken in a recognized college of arts and sciences.



## COLUMBIAN COLLEGE

### THE FACULTY AND STAFF OF INSTRUCTION •

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University*  
 Henry Grattan Doyle, A.M., LL.D., Litt.D., *Dean of Columbian College*  
 Calvin Darlington Linton, Ph.D., *Assistant Dean of Columbian College*

---

Thomas Benjamin Brown, Ph.D., *Professor of Physics*  
 Henry Grattan Doyle, A.M., LL.D., Litt.D., *Professor of Romance Languages*  
 Joseph Hiram Roe, Ph.D., *Professor of Biochemistry*  
 Norris Ingersoll Crandall, M.Arch., *Professor of Art*  
 Edward Henry Sehrt, Ph.D., *Professor of German*  
 Robert Whitney Bolwell, Ph.D., *Professor of American Literature*  
 Walter Lynn Cheney, Ph.D., *Professor of Physics*  
 James Henry Taylor, Ph.D., *Professor of Mathematics*  
 Elmer Louis Kayser, Ph.D., LL.D., *Professor of European History*  
 Errett Cyril Albritton, A.B., M.D., *Fry Professor of Physiology*  
 Donnell Brooks Young, Ph.D., *Professor of Zoology*  
 George Gamow, Ph.D., *Professor of Theoretical Physics*  
 Warren Reed West, Ph.D., *Professor of Political Science*  
 Frank Mark Weida, Ph.D., *Professor of Statistics*  
 Francis Edgar Johnston, Ph.D., *Professor of Mathematics*  
 Leland Wilbur Parr, Ph.D., *Professor of Bacteriology*  
 Benjamin Douglass Van Evera, Ph.D., *Professor of Chemistry*  
 Mitchell Dreese, Ph.D., *Professor of Educational Psychology*  
 Merle Irving Protzman, Ph.D., *Professor of Romance Languages*  
 Alva Curtis Wilgus, Ph.D., *Professor of Latin American History*  
 Florence Marie Mears, Ph.D., *Professor of Mathematics*  
 Wood Gray, Ph.D., *Professor of American History*  
 Thelma Hunt, Ph.D., M.D., *Professor of Psychology*  
 Ira Bowers Hansen, Ph.D., *Professor of Zoology*  
 John Albert Tillema, Ph.D., LL.M., S.J.D., *Professor of Political Science*  
 Paul William Bowman, Ph.D., *Professor of Biology*  
 Lawson Edwin Yocum, Ph.D., *Professor of Botany*  
 Arthur Edward Burns, Ph.D., *Professor of Economics*  
 John Withrow Brewer, Ph.D., *Professor of International Law*  
 Louis Clark Keating, Ph.D., *Professor of Romance Languages*

\* The President of the University, the Dean and the Assistant Dean of the College, the Registrar of the University, the Director of Admissions of the University, Professors, Adjunct Professors, Associate Professors, and Assistant Professors constitute the Faculty.

- Paul Kenneth Smith, Ph.D., *Professor of Pharmacology*  
 Harold Loran Geisert, Ph.D., *Professor of Sociology*  
 Samuel Nathaniel Wrenn, Ph.D., *Professor of Chemistry*  
 Charles Rudolph Naeser, Ph.D., *Professor of Chemistry*  
 Howard Maxwell Merriman, Ph.D., *Professor of American Diplomatic History*  
 Ernest Sewall Shepard, A.M., *Professor of English Literature*  
 George Winchester Stone, Jr., Ph.D., *Professor of English Literature*  
 Fred Salisbury Tupper, Ph.D., *Professor of English Literature*  
 Warren Andrew, Ph.D., M.D., *Professor of Anatomy*  
 Alan Thomas Deibert, A.M., *Professor of Romance Languages*  
 Chester Elwood Leese, Ph.D., *Professor of Physiology*  
 Donald Stevenson Watson, Ph.D., *Professor of Economics*  
 Myron Law Koenig, Ph.D., *Professor of American History*  
 Calvin Darlington Linton, Ph.D., *Professor of English Literature*  
 \*Charles Edward Gauss, Mus.B., Ph.D., *Elton Professor of Philosophy*  
 Elbridge Colby, Ph.D., *Professor of Journalism*  
 James Christopher Corliss, A.M., *Adjunct Professor of Inter-American Economics*  
 Edward Campion Acheson, Ph.D., *Associate Professor of Finance*  
 Donald Chenoweth Kline, B.Arch., *Associate Professor of Art*  
 John Francis Latimer, Ph.D., *Associate Professor of Classical Languages and Literatures*  
 Irene Cornwell, Ph.D., *Associate Professor of French*  
 Antonio Alonso, A.M., *Associate Professor of Spanish*  
 Charles William Cole, Ph.D., *Associate Professor of American Literature*  
 Gretchen Louisa Rogers, Ph.D., *Associate Professor of German*  
 Wolfram Karl Legner, Ph.D., *Associate Professor of German*  
 George Martin Koehl, A.M., *Associate Professor of Physics*  
 Lubin Poe Leggette, A.M., *Associate Professor of Speech*  
 Robert Dale Campbell, Ph.D., *Associate Professor of Geography*  
 Lawrence Daniel Folkemer, Ph.D., *Associate Professor of Religion*  
 Robert Randal Meijer, Ph.D., *Associate Professor of Physics*  
 Robert Corbin Vincent, Ph.D., *Associate Professor of Chemistry*  
 Wolfgang Herbert Kraus, Dr.Jur., S.J.D., *Associate Professor of Political Science*  
 Curtis Edward Tuthill, Ph.D., *Associate Professor of Psychology*  
 Roderic Hollett Davison, Ph.D., *Associate Professor of European History*  
 George Francis Henigan, Jr., Ph.M., *Associate Professor of Speech*  
 Robert Hamilton Moore, Ph.D., *Associate Professor of English Composition*  
 Edith Elizabeth Mortensen, Ph.D., *Associate Professor of Zoology*

\* On leave of absence 1951-52.

Calvin Weir Pettit, Ph.M., *Associate Professor of Speech*  
 Edwin Lockwood Stevens, A.M., *Associate Professor of Speech*  
 Reuben Esselstyn Wood, Ph.D., *Assistant Professor of Chemistry*  
 Nels David Nelson, Ph.D., *Assistant Professor of Mathematics*  
 Sam Clark Munson, M.S., *Assistant Professor of Biology*  
 Martin Steele Day, Ph.D., *Assistant Professor of English*  
 James Harold Coberly, Ph.D., *Assistant Professor of American Literature*  
 Willard Edmund Caldwell, Ph.D., *Assistant Professor of Psychology*  
 \*William Franklin Jewell III, M.S., *Assistant Professor of Geography*  
 Daniel Remsen Norton, Ph.D., *Assistant Professor of Chemistry*  
 William Frederick Sager, Ph.D., *Assistant Professor of Chemistry*  
 Ronald Bettes Thompson, A.B., *Assistant Professor of European History*  
 Rafael Supervia, Doctor en Derecho, *Assistant Professor of Spanish*  
 John Gage Allee, Jr., A.M., *Assistant Professor of English*  
 Bernard Hayman Fox, Ph.D., *Assistant Professor of Psychology*  
 Richard Catlin Haskett, A.M., *Assistant Professor of American History*  
 Walter Hall Bailey, A.M., *Assistant Professor of Geography*  
 John Edward Cantlon, B.S., *Assistant Professor of Botany*  
 Mary Carman Rose, Ph.D., *Assistant Professor of Philosophy*  
 Alberto Vázquez, Ph.D., *Lecturer on Spanish American Literature*

## COMMITTEES ‡

## THE DEAN'S COUNCIL §

1952

Merle Irving Protzman  
 James Harold Coberly

1953

George Martin Koehl  
 Martin Steele Day

1954

Thelma Hunt  
 Francis Edgar Johnston

## COMMITTEE ON ADMISSION AND ADVANCED STANDING

Calvin Darlington Linton, *Chairman*  
 Edith Elizabeth Mortensen, *Secretary*  
 Alan Thomas Deibert  
 Charles William Cole  
 Robert Randal Meijer

\* On leave of absence 1951-52.

‡ The President of the University and the Dean of Columbian College are members ex officio of all committees.

§ Elected by the Faculty.



## COMMITTEE ON THE USE OF CORRECT ENGLISH

Averett Howard, *Chairman*George Francis Henigan, Jr.  
Muriel Hope McClanahanEdith Elizabeth Mortensen  
Martin Steele Day

## COMMITTEE ON SCHOLARSHIP

Fred Salisbury Tupper, *Chairman*Florence Marie Mears  
Howard Maxwell MerrimanSamuel Nathaniel Wrenn  
Antonio Alonso

## COMMITTEE ON STUDIES

The Dean of the College, *Chairman*Gretchen Louisa Rogers  
(*Languages and Literatures*)  
Florence Marie Mears  
(*Mathematics and Physical  
Sciences*)Edith Elizabeth Mortensen  
(*Natural Sciences*)  
Wood Gray  
(*Social Sciences*)

## DIVISIONAL ORGANIZATIONS

## LANGUAGES AND LITERATURES

Alan Thomas Deibert, *Chairman*  
Muriel Hope McClanahan, *Secretary*

## Educational Committee

Gretchen Louisa Rogers, *Chairman*  
John Francis Latimer  
William Lewis Turner

## MATHEMATICS AND THE PHYSICAL SCIENCES

Nels David Nelson, *Chairman*  
Daniel Remsen Norton, *Secretary*

## Educational Committee

Florence Marie Mears, *Chairman*  
Robert Randal Meijer  
Everett Herschel Johnson

NATURAL SCIENCES

Thelma Hunt, *Chairman*

Francis Lincoln Lambert, *Secretary*

Educational Committee

Edith Elizabeth Mortensen, *Chairman*

Chester Elwood Leese

Curtis Edward Tuthill

SOCIAL SCIENCES

Ronald Bettes Thompson, *Chairman*

Lawrence Daniel Folkemer, *Secretary*

Educational Committee

Harold Loran Geisert, *Chairman*

Donald Stevenson Watson

Roderic Hollett Davison

GENERAL INFORMATION

INTRODUCTORY

Columbian College was founded in 1821. James Monroe, then President of the United States, aided in obtaining the charter from Congress which established "The Columbian College in the District of Columbia" for the "sole and exclusive purpose of educating youth in the English, learned and foreign languages, the liberal arts, sciences and literature", with full power to confer all degrees "usually granted and conferred in colleges".

In 1930, when the Junior College was established, the name "Columbian College" was bestowed upon the senior college of liberal arts.

THE COLUMBIAN COLLEGE PROGRAM

In The George Washington University, the program for liberal arts and sciences extends from the general collegiate education of the Junior College (the freshman and sophomore years), through the instruction for the Bachelor's degrees of Columbian College (the junior and senior years, and the studies for the Master's degrees which are also in Colum-

bian College, to the graduate discipline leading to the degree of Doctor of Philosophy, which is administered by the Graduate Council.

The purpose of Columbian College is to round out the program of liberal education begun in the Junior College and to bring to a focus educationally the individual talents and aptitudes of the student of liberal arts and sciences.

The program involves a comprehensive survey of a field of study, together with such knowledge of other fields as will contribute to the general educational development of the student. A field of study may be confined to one department or may involve a group of related courses in more than one department, or more than one division.

#### DIVISIONAL ORGANIZATIONS

The following divisions have been established in The George Washington University based on the relationship of course content, interrelation of methods and prerequisites, and similarity of background and viewpoint:

1. *The Division of Languages and Literatures.*—The departments of Classical Languages and Literatures, English, Germanic Languages and Literatures, and Romance Languages and Literatures.
2. *The Division of Mathematics and the Physical Sciences.*—The departments of Biochemistry, Chemistry, Mathematics, Pharmacology, Physics, and Statistics.
3. *The Division of the Natural Sciences.*—The departments of Anatomy, Bacteriology, Biology, Botany, Geography, Geology, Neurology, Pathology, Physiology, Psychology, and Zoology.
4. *The Division of the Social Sciences.*—The departments of Accounting, Business Administration, Economics, Education, History, Law, Philosophy, Political Science, Religion, Sociology, and Speech.

The departments under these University divisions function for Columbian College only in such fields of study as are appropriate for a senior college of arts, letters, and sciences.

#### REGULATIONS

*Students in Columbian College are subject to, and are expected to familiarize themselves with, the regulations regarding ADMISSION, REGISTRATION, FEES AND FINANCES stated on pages 11-23, and the University regulations stated on pages 36-42.*

#### PREREQUISITES

It is assumed that a student entering Columbian College has met the requirements of the Junior College under the *Arts and Letters* curriculum or the *Science* curriculum. Following is a summary of these prerequisites:

The *Arts and Letters* curriculum: (1) Freshman English (6 credit



hours) and an additional sophomore-year course (6 credit hours) in English, American, or European literature. A first-group course in Art, Classical Languages, or Philosophy may be substituted for the sophomore course in English. (2) Two college years (at least 12 credit hours) of a single foreign language or the equivalent (see foreign-language requirement, page 55), are required. A transfer student who has had foreign-language courses in another institution meeting 4 or 5 times a week may have acquired as much as 12 credit hours in a foreign language without having taken four terms (two full years). Such a student is required to take additional work here in the same language until he has completed four terms (or an equivalent combination of high school years and college terms). (3) At least one year (6 credit hours) in social studies, chosen from first-group courses in History, Political Science, Economics, or Sociology, is required. (4) At least one year (6 or 8 credit hours) of a laboratory science (Biology, Botany, Chemistry, Physics, or Zoology) is required.

The remaining hours of the Junior College program (roughly a minimum of 22 to 24 hours) should be devoted to the prerequisite courses required by the prospective major department (as stated following the departmental staff in the courses of instruction section of the CATALOGUE) or recommended by the advisers in the field-of-study major (see pamphlets prepared by the respective advisers), together with appropriate electives.

The *Science* curriculum requirements in English are the same as those of the Arts and Letters curriculum, except that a year of a social study may be substituted for the sophomore requirement in English, Art, or Philosophy; in other words, the sophomore English and social studies requirements are combined, and may be met by taking at least 6 credit hours in English, Art, Classical Languages, Philosophy, or a social study. The foreign-language requirement is the same as for the Arts and Letters curriculum, except that French or German is specified. At least 6 credit hours in Mathematics must be taken; additional work in Mathematics is required of prospective majors in Chemistry or Physics. In science, the student should take courses in both biological and physical sciences, bearing in mind the prerequisites stated by the department under which he expects to major as well as specified prerequisites in certain departments (such as Mathematics and Chemistry for majors in Physics, or Mathematics and Physics for majors in Chemistry).

A transfer student admitted to Columbian College with deficiencies in freshman or sophomore work (whether in amount or in distribution of courses), corresponding to the programs outlined above, is required to begin to make up such deficiencies immediately upon admission to Columbian College, and to carry courses for the purpose each term until all the general education requirements described above are satisfied. Stu-

dents transferring from the School of Government must complete pre-Columbian College requirements in science and in Sophomore English (or Art, Classical Languages, or Philosophy), as prescribed in the Arts and Letters curriculum.

#### AMOUNT OF WORK

A full-time student who is not on probation may take ordinarily not more than seventeen credit hours. A student employed more than twenty-four hours a week, who is not on probation, may take not more than ten credit hours.

A full-time student whose quality-point index is 3.50 or higher may take not more than nineteen credit hours. An employed student who meets the same standard may take not more than twelve credit hours.

A student previously unemployed who accepts employment subsequent to registration or at any time during a term is required to report that fact immediately to the Dean, in order that adjustments in schedule may be made, if necessary, to bring his program within the Faculty's limitations upon the amount of work to be carried by an employed student.

#### ATTENDANCE

The student is held responsible for all the work of the courses in which he is registered, and all absences must be excused by the instructor in charge before provision is made for the student to make up the work missed. Excessive absence in any course will lead to loss of credit in that course, even though other requirements, such as tests, term-papers, and examinations are met.

#### CLASSIFICATION OF STUDENTS

A student who has completed less than thirty credit hours in Columbian College, and who has registered his major at the Office of the Registrar, is classed as a *junior*. A student who has completed thirty credit hours in Columbian College, including at least one course in his major, is classed as a *senior*. A student who has satisfactorily completed the work for the Bachelor's degree, and whose program of study has been approved and filed in the Office of the Registrar, is classed as a *master in course*.

#### INDEPENDENT STUDY PLAN

Under the independent study plan a student of demonstrated capacity, with special interest in the subject matter of a course, may be permitted to undertake independent study under the personal direction of an instructor, in accordance with the rules of the division in which the subject

falls. Credit under this plan is limited to the specific course-credits as designated in the list of courses of instruction in the CATALOGUE.

#### CORRESPONDENCE AND HOME-STUDY COURSES

No credit is given for work done by correspondence or in home-study courses.

#### THE BACHELOR'S DEGREES

Upon the satisfactory completion of the undergraduate requirements of Columbian College, the degree of Bachelor of Arts or Bachelor of Science is conferred.

In cooperation with the School of Medicine a seven-year curriculum leading to the combined degrees of Bachelor of Arts and Doctor of Medicine is offered.

#### REQUIREMENTS FOR THE DEGREES

##### RESIDENCE

For the residence requirement, see page 40.

##### SCHOLARSHIP

The system of grading and of computing scholarship is described in detail on pages 36 and 37.

In order to graduate, a student must have a general quality-point index of at least 2.00. In addition, he must have a quality-point index of at least 2.50 in his major subject.\* Grades in courses taken at other institutions are not considered in computing the quality-point index.

In computing the quality-point index in the major, all second-group and third-group courses in the major field taken at The George Washington University are included, even though minimum requirements for the major may have been exceeded, except when registration for graduate credit is approved. Grades received in first-group courses are not considered.

*Probation.*—A student must maintain a quality-point index of at least 2.00, or be placed on probation. A student remains on probation as long as his quality-point index is below 2.00, or until his probation is removed by the Committee on Scholarship.

*Suspension.*—A student who has a quality-point index below 1.00 or who is placed on probation for a third term, whether successive or after an interval, is suspended.

\* Except in a Field-of-Study Major.



A student suspended for poor scholarship may apply for readmission after an interval of a calendar year. He must then submit evidence to the Committee on Admission and Advanced Standing that during his absence from the University he has so conducted himself as to indicate that he will profit by readmission. A student suspended twice for poor scholarship will not be readmitted.

For the purpose of these rules, the summer sessions are considered a term.

The foregoing scholarship rules are applied to a student with a limited schedule only when he has undertaken a minimum of fifteen credit hours.

#### CURRICULUM REQUIREMENTS

The curriculum requirements for the Bachelor's degrees include at least sixty credit hours beyond the requirements of the Junior College (the curriculum in *Arts and Letters* or in *Science*) and the satisfactory completion of the major. Each program must be approved by the major adviser and by the Dean.

At least twenty-four credit hours of the last sixty credit hours counted towards the Bachelor's degree must be taken in subjects\* not included in the major field or department. The student should consult his major adviser at each registration regarding the inclusion in his program of suitably distributed electives, with a view to meeting this requirement before graduation.

Except for students registered for the combined degrees of Bachelor of Arts and Doctor of Medicine, not more than twelve credit hours of professional courses may be included in the one hundred and twenty credit hours required for the Bachelor's degrees in Columbian College. Columbian College students electing professional courses under this rule must obtain the approval, in advance, of the Dean of Columbian College. Ordinarily courses in Physical Education and technical courses in Education will not be approved for credit toward a degree in Columbian College.

After selecting a curriculum, a student may not change to another except by permission of the Dean and on condition that he fulfill the requirements of the curriculum to which he changes as of the date when the change is approved by the Dean.

Each student is required to select and file with the Registrar a choice of major upon entering Columbian College. He may change the major only with the consent of the Dean and of the department or division

\* Art, Biology, Botany, Chemistry, Classical Languages and Literatures, Economics, English, Geography, Geology, Germanic Languages and Literatures, History, Journalism, Mathematics, Philosophy, Physics, Political Science, Psychology, Religion, Romance Languages and Literatures, Sociology, Speech, Statistics, Zoology.

concerned, and must meet the requirements for the major to which he changes as of the date when the change is approved by the Dean.

First-group courses may be required as prerequisites to undergraduate-major programs, but because of their introductory character may not be counted as part of such programs. (See "Explanation of Course Numbers".)

Students transferring from other institutions with major requirements wholly or substantially met will, nevertheless, be required to complete satisfactorily at least twelve credit hours of approved work in the major field in The George Washington University in order to receive a Bachelor's degree. This work will count as part of the minimum residence requirement.

*Examinations for Waiving Curriculum Requirements.*—A student desiring to omit a required or prerequisite course may take such examination as the department prescribes, and, on passing satisfactorily, he may be relieved of the curriculum or prerequisite requirement in that subject and may qualify for registration in an advanced course. Passing of this examination shall not entitle him to any credit toward the degree. A student desiring to take such examinations should make written request of the Dean and pay the required fee at the Office of the Comptroller before the date of the examination specified in the University calendar.

*Use of Correct English.*—Any student whose English in any course whatever is deemed unsatisfactory may be reported by the instructor to the Dean and to the Committee on the Use of English. The Chairman of the Committee may assign supplementary work, without academic credit, varying in amount with the needs of the student. If the work prescribed is equivalent to a course, the regular tuition fee is charged. The granting of a degree may be delayed by failure to make up any such deficiency in English to the satisfaction of the Committee and the Dean.

### Bachelor of Arts

The work of the junior and senior years, including a major in one of the following major fields, must be approved by the major adviser and by the Dean.

*Major Fields.*—American Thought and Civilization, Art (Appreciation or Drawing and Painting), Biology, Botany, Chemistry, Economics, English Literature, French Literature, Geography, Geology, Germanic Languages and Literatures, History, Journalism (News-Editorial or Public Relations), Latin American Civilization and Culture, Mathematics, Philosophy, Physics, Political Science, Psychology, Religion, Sociology, Spanish American Literature, Spanish Literature, Speech (Public Speaking, Theatre, or Speech Correction), Statistics, Zoology.

*Combined Degrees of Bachelor of Arts and Doctor of Medicine.*—A

candidate for the combined degrees of Bachelor of Arts and Doctor of Medicine must: (1) complete the premedical college requirements (see pages 14-15); (2) fulfill the Columbian College residence requirement of at least thirty credit hours; (3) obtain the approval of the Dean of Columbian College at the time of entering the School of Medicine; (4) obtain the recommendation of the Dean of the School of Medicine at the completion of all prescribed courses in the first year of the School of Medicine, at which time the degree of Bachelor of Arts will be conferred (professional work taken at another institution will not satisfy the major requirement for the combined degrees); (5) maintain throughout the entire course the scholarship level required for graduation.

#### Bachelor of Science

The work of the junior and senior years, including a major in one of the sciences mentioned below, must be approved by the major department or division and by the Dean.

##### *Biological Sciences*

Biology  
Botany  
Zoology

##### *Physical Sciences*

Chemistry  
Mathematics  
Physics  
Statistics

### THE UNDERGRADUATE MAJOR \*

There are two types of undergraduate majors: the field-of-study major and the departmental major.

#### THE FIELD-OF-STUDY MAJOR

Each Field-of-Study Major covers a carefully worked out field of coordinated study and is under the supervision of the division or divisions concerned.

The *Field-of-Study Major* requires no specific number of credit hours, no specific program of courses, and no specific quality-point index for the major, although the student is required to meet the over-all general requirements for the degree (at least 120 credit hours, plus required physical education, with a quality-point index of at least 2.00). The Major Examination in the Field-of-Study Major replaces all of the traditional quantitative and qualitative requirements for a major. Ability to pass the Major Examination is assumed to be a convincing demonstration that the student possesses the breadth, depth, and quality of knowledge

\* For a complete description of the undergraduate major, see the special bulletin.



of his major usually defined in terms of credit hours, courses, grades, and a better-than-average quality-point index. A pamphlet prepared under the direction of the adviser in the field of study and obtainable either from the adviser or from the Office of the Dean of Columbian College provides the information needed by the prospective student, who should place himself under the direction of the appropriate adviser immediately upon completing Junior College work and beginning his junior year (the first senior-college year) in Columbian College.

The Field-of-Study Major places special emphasis on the intellectual development of the individual student. Programs in the same major may vary, depending upon the individual student's background, previous study, reading habits, and aptitudes. The student is expected to consult his adviser frequently, and the special proseminar offered in the field gives him further opportunity for individual advice and direction in pursuing a program especially adapted to his needs and abilities. A close student-adviser relationship is essential for the student's success under the Field-of-Study Major plan.

The following Field-of-Study Majors are offered: (1) American Thought and Civilization, (2) Biology, (3) English Literature, (4) French Literature, (5) History, (6) Latin American Civilization and Culture, (7) Philosophy, (8) Spanish American Literature, (9) Spanish Literature, (10) Statistics, (11) Zoology.

The major in Biology extends broadly over the work of its division; and those in American Thought and Civilization and in Latin American Civilization and Culture involve studies in two divisions, those of Languages and Literatures and of Social Studies. The other Field-of-Study Majors, with the exception of the major in Spanish American Literature, replace departmental majors in their respective fields. A candidate for a Bachelor's degree with a major in Biology, English Literature, French Literature, History, Philosophy, Spanish Literature, Statistics, or Zoology must elect a Field-of-Study Major.

#### Proseminar in the Major

For the convenience of the student a proseminar is offered in each field of study, under the supervision of the division in which the major is taken. This course, planned and administered by the professor or adviser of the major subject, will advise, guide, and instruct the student in his reading, study, and laboratory exercises in order to assist him in gaining a coordinated knowledge of his field. It is a presentation of the content and methods of the major field as a whole through the organization and coordination of the knowledge obtained in the various formal courses in the major subject and of material not usually included in such courses. This course is not required. Six credit hours, but no qualitative grade,

may be assigned. When registered in this course, the student will have the privilege of visiting, subject to the approval of the instructor, any other course offered in the College. (Regular attendance in a course, either for credit or as an auditor, requires registration and payment of tuition.) Proseminars are open only to the student who has been accepted as a candidate under that specific major.

### THE MAJOR EXAMINATION

The Major Examination will normally be taken by the student at the close of the senior year; in the case of a student on a limited schedule, the Major Examination may be taken not earlier than one calendar year before graduation. A student who fails to pass a Major Examination may, at the discretion of the Columbian College Committee on Studies, be reexamined at a later regular major-examination period. The educational committees of the respective divisions will have general supervision of the preparation, reading, and grading of Major Examinations. Major Examinations will be held in each regular term on dates fixed by the respective educational committees, but in no case later than January 15 for the fall term, May 15 for the winter term, and August 7 for the summer term.

### DEPARTMENTAL MAJORS

*Departmental Majors*, unlike *Field-of-Study Majors*, are specifically defined in terms of credit hours, required courses, and the attainment of a quality-point index of at least 2.50 in all second-group courses taken in the major field. The minimum specific requirements for Departmental Majors are listed below the staff of instruction of the department concerned in the section of the CATALOGUE devoted to courses of instruction. The Executive Officer of the Department, or his representative at registration, should be consulted concerning the student's program of courses, and the entire program, including electives, must be approved by the Department. The student is also expected to consult the Executive Officer or adviser in all matters affecting his program of studies, such as changes, substitutions, or withdrawals, and especially concerning his progress in his courses. As far as possible the close student-adviser relationship developed in the Field-of-Study Major will be cultivated also in Departmental Majors.

Until further notice Departmental Majors will be offered in the following: Art (Appreciation, Drawing and Painting), Botany, Chemistry, Economics, Geography, Geology, Germanic Languages and Literatures, Journalism (News-Editorial and Public Relations), Mathematics, Physics, Political Science, Psychology, Religion, Sociology, and Speech (Public Speaking, Theatre, Speech Correction).

## THE MASTER'S DEGREES

Upon the satisfactory completion of the graduate requirements of Columbian College, the degree of Master of Arts or Master of Science is conferred.

### DEFINITION OF THE MASTER'S WORK

The study leading to the degree of Master of Arts or Master of Science is a comprehensive survey of a field of knowledge. It is a continuation of the work of the student's undergraduate major and involves a greater acquaintance with scholarly method.

The student must satisfy certain minimum requirements as to previous preparation, residence, ability to read an approved modern foreign (European) language, and courses taken; but these requirements, while essential, are regarded primarily as qualifying measures. The student's knowledge of his field, as demonstrated by his thesis and by the results of his Master's Examination (together with such other examinations involving special skills or techniques as the department or division may require), is the basis upon which the Master's degree is conferred.

### MASTER OF ARTS

Graduate work leading to the degree of Master of Arts is offered in the following fields:

Anatomy, American Literary and Cultural History, Bacteriology, Biochemistry, Biology, Botany, Chemistry, Dramatic Art, Economics, English and American Literature, English Literature, French Literature, Geography, Geology, Germanic Languages and Literatures, History, International Relations, Latin American Civilization and Culture, Mathematics, Pharmacology, Philosophy, Physics, Physiology, Political Science, Psychology, Sociology, Spanish American Literature, Spanish Literature, Statistics, Zoology.

Special programs involving coordinated work in two or more departments may be arranged with the approval of the appropriate division or divisions.

### MASTER OF SCIENCE

Graduate work leading to the degree of Master of Science is offered in the following fields:

Anatomy, Bacteriology, Biochemistry, Biology, Botany, Chemistry, Mathematics, Pharmacology, Physics, Physiology, Psychology, Statistics, Zoology.

Special programs involving coordinated work in two or more departments may be arranged with the approval of the appropriate division or divisions.



## REQUIREMENTS FOR THE DEGREES

## RESIDENCE

An academic year of residence in Columbian College is required, i.e., completion of a minimum of thirty credit hours of work including the thesis, which is counted as the equivalent of six credit hours of course work. Summer term work may be counted in residence, but in no case may the period of residence aggregate less than twenty-seven weeks. Not more than twelve credit hours (which must be approved in advance by the Dean of Columbian College) may be taken in another school or division of this University, and such work may not be counted toward both a degree in that school or division and the Master's degree in Columbian College. No part of the minimum requirement may be taken elsewhere. All work for the degree of Master of Arts or Master of Science must be completed within a maximum of three years, unless the Dean's Council considers the circumstances so unusual as to justify an extension of time.

## SCHOLARSHIP

A student whose scholarship is unsatisfactory may be suspended by the Dean upon recommendation of the Division under which the student is working. Regarding the system of grading, see pages 36 and 37.

## PROGRAM OF STUDIES

The student's program of studies must be outlined in detail at the beginning of his work, in triplicate, on forms available at the Office of the Dean. Each program is subject to the approval of the department and the division. The program may be revised as the occasion requires, but any change necessitates a repetition of the procedure just described.

Courses numbered from 1 to 100 may not be credited toward the Master's degrees, but may in certain instances be required as a basis for advanced work. (See "Explanation of Course Numbers".)

A student who expects to continue his studies for the degree of Doctor of Philosophy after receiving the Master's degree is strongly advised so to plan his program from the beginning that work for the lower degree may help to prepare him for the higher.

## ADMISSION TO CANDIDACY

A student must be admitted to candidacy before he begins the last half of his work for the Master's degree. Application for admission to candidacy is made on a form obtained at the Office of the Registrar, and must be approved by the appropriate representative of the department or divi-

sion and by the Dean. If a prospective candidate, in his previous academic work, has not substantially satisfied the prerequisites for the Master's degree, including the undergraduate major as defined by the appropriate department or division, he will not be admitted to candidacy until such deficiency has been made up. He may make up his deficiencies by electing appropriate courses in addition to those counted towards his degree.

Before being admitted to candidacy the student must also show that he has a reading knowledge (certified by the appropriate foreign-language department) of at least one modern foreign (European) language, selected by the division under which he is studying. A student whose field is a modern foreign language or literature may not offer that language in satisfaction of the reading-knowledge requirement. Examinations in modern foreign languages will ordinarily be given only on the dates specified in the University calendar. In exceptional circumstances the respective departments will arrange for examinations at other times.

#### THE MASTER'S THESIS

The thesis may be of a research, expository, critical, or creative type. The main purpose of a Master's thesis is to demonstrate the student's ability to make independent use of the information and training acquired through his other disciplines, and to furnish objective evidence of his constructive powers in his chosen field. Registration for the thesis must be no later than the beginning of the final year of preparation, unless the professor in charge of the thesis permits registration at the beginning of the final term. The choice of the thesis subject must be approved by the professor in charge of the student's field and recorded in the Office of the Registrar by the date announced in the University calendar. Registration for the thesis is ordinarily made on the basis of three credit hours a term for two successive terms. In exceptional cases, and with the approval of the professor in charge of the thesis, the student may register for the entire six credit hours during a single term. The typewritten thesis in its final form must be submitted by the student for the approval of the professor in charge of the student's field and of the educational committee of the division concerned, not later than the date announced in the University calendar. Requirements regarding the form of the thesis are stated on page 40, and additional information will be supplied by the Dean.

Payment of tuition for the thesis entitles the candidate, during the academic year of registration, to the advice and direction of the member of the faculty under whom the thesis is to be written. In case a thesis is unfinished, an additional successive academic year may be granted without further tuition payment. If the preparation of the thesis extends

beyond the two-year period the student must register for it again, and pay tuition on the same basis as for a repeated course.

#### THE MASTER'S EXAMINATION

In addition to such other examinations as may be required, the candidate must pass a general written examination on the major subject. Examinations will be held on dates fixed by the respective educational committees, but in no case later than January 15 for the fall term, May 15 for the winter term, and August 7 for the summer term. The provisions of the field-of-study plan for undergraduate majors which concern the general examination for the major also apply to the Master's Examination. A candidate who fails to pass the Master's Examination may, in exceptional circumstances and with the specific approval of the division concerned, repeat the examination, but only after the lapse of one term. If he fails a second time, no further opportunity to take the examination will be permitted.



## THE GRADUATE COUNCIL

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University*  
Robert Whitney Bolwell, Ph.D., *Chairman of the Graduate Council*

### MEMBERS OF THE COUNCIL

Thomas Benjamin Brown, Ph.D., *Professor of Physics*  
Henry Grattan Doyle, A.M., LL.D., Litt.D., *Professor of Romance Languages*  
Charles Sager Collier, A.B., LL.B., S.J.D., *Professor of Law*  
Joseph Hiram Roe, Ph.D., *Professor of Biochemistry*  
Edward Henry Sehrt, Ph.D., *Professor of German*  
Robert Whitney Bolwell, Ph.D., *Professor of American Literature*  
James Henry Taylor, Ph.D., *Professor of Mathematics*  
Elmer Louis Kayser, Ph.D., LL.D., *Professor of European History*  
Errett Cyril Albritton, A.B., M.D., *Fry Professor of Physiology*  
Donnell Brooks Young, Ph.D., *Professor of Zoology*  
George Gamow, Physics D., *Professor of Theoretical Physics*  
Warren Reed West, Ph.D., *Professor of Political Science*  
Frank Mark Weida, Ph.D., *Professor of Statistics*  
Francis Edgar Johnston, Ph.D., *Professor of Mathematics*  
Leland Wilbur Parr, Ph.D., *Professor of Bacteriology*  
Benjamin Douglass Van Evera, Ph.D., *Professor of Chemistry*  
Mitchell Dreese, Ph.D., *Professor of Educational Psychology*  
Winfred Overholser, A.B., M.D., Sc.D., *Professor of Psychiatry*  
Saul Chesterfield Oppenheim, A.M., J.D., S.J.D., *Professor of Law*  
Merle Irving Protzman, Ph.D., *Professor of Romance Languages*  
Alva Curtis Wilgus, Ph.D., *Professor of Latin American History*  
Florence Marie Mears, Ph.D., *Professor of Mathematics*  
Wood Gray, Ph.D., *Professor of American History*  
Thelma Hunt, Ph.D., M.D., *Professor of Psychology*  
Ira Bowers Hansen, Ph.D., *Professor of Zoology*  
Paul William Bowman, Ph.D., *Professor of Biology*  
Lawson Edwin Yocum, Ph.D., *Professor of Botany*  
Arthur Edward Burns, Ph.D., *Professor of Economics*  
John Withrow Brewer, Ph.D., *Professor of International Law*  
Louis Clark Keating, Ph.D., *Professor of Romance Languages*  
Paul Kenneth Smith, Ph.D., *Professor of Pharmacology*  
Samuel Nathaniel Wrenn, Ph.D., *Professor of Chemistry*  
Charles Rudolph Naeser, Ph.D., *Professor of Chemistry*

Howard Maxwell Merriman, Ph.D., *Professor of American Diplomatic History*

George Winchester Stone, Jr., Ph.D., *Professor of English Literature*

Fred Salisbury Tupper, Ph.D., *Professor of English Literature*

Warren Andrew, Ph.D., M.D., *Professor of Anatomy*

Chester Elwood Leese, Ph.D., *Professor of Physiology*

Donald Stevenson Watson, Ph.D., *Professor of Economics*

Angus MacIvor Griffin, Ph.D., *Professor of Bacteriology*

William Webster Diehl, Ph.D., *Adjunct Professor of Mycology*

Antonio Alonso, A.M., *Associate Professor of Spanish*

Carleton Raymond Treadwell, Ph.D., *Associate Professor of Biochemistry*

Wolfgang Herbert Kraus, Dr. Jur., S.J.D., *Associate Professor of Political Science*

Curtis Edward Tuthill, Ph.D., *Associate Professor of Psychology*

Roderic Hollett Davison, Ph.D., *Associate Professor of European History*

Daniel Remsen Norton, Ph.D., *Assistant Professor of Chemistry*

Mary Louise Robbins, Ph.D., *Assistant Professor of Bacteriology*

#### CONSULTANTS IN RESEARCH

Carl Robert Brewer, Ph.D., *Chief, Bacterial Nutrition Branch, Basic Sciences Division, Chemical Corps, Camp Detrick; Bacterial Nutrition*

Dean Burk, Ph.D., *Principal Chemist, National Cancer Institute; Tissue Respiration in Biochemistry*

Gerhard Colm, Dr. rer. pol., *Economist, Council of Economic Advisers, Executive Office of the President; Public Finance; National Income*

Paul Simon Galtsoff, Ph.D., *Senior Biologist, Fish and Wildlife Service, United States Department of the Interior; Invertebrate Zoology.*

Fred Latimer Hadsel, Ph.D., *Office of German and Austrian Affairs, Division of German Political Affairs, United States Department of State; International Politics and Organization*

Henry Furness Hubbard, Ph.D., *Executive Vice-Chairman, Federal Personnel Council; Personnel Psychology*

James Manson Hundley, B.S., M.D., *Assistant Chief, Laboratory of Biochemistry and Nutrition; Chief, Section on Physiology and Biochemistry of Nutrition, National Institutes of Health; Physiology of Nutrition.*

William Crane Johnstone, Jr., Ph.D., *Director of the Office of Educational Exchange, United States Department of State; International Relations: The Far East*

Thomas Carlyle Jones, B.S. in Veterinary Medicine, D.V.M., *Chief, Veterinary Pathology Section, Army Institute of Pathology; Comparative Pathology*

- Solomon Kullback, Ph.D., *Chief, Research and Development Division, United States Department of Defense; Statistics: Multivariate Analysis*
- Ladislaus Laszlo Marton, Ph.D., *Physicist, Atomic Physics, Electronics Division, National Bureau of Standards; Electron Optics*
- Elliott Waters Montroll, Ph.D., *Head, Physics Branch, Office of Naval Research; Theoretical Physics*
- Jacques Jacobus Polak, Ph.D., *Assistant Director, Research Department, International Monetary Fund; International Economics*
- Waldo Lasalle Schmitt, Ph.D., *Head Curator of Zoology, United States National Museum; Invertebrate Zoology: Crustacea*
- Leonard Peter Schultz, Ph.D., *Curator of Fishes, United States National Museum; Vertebrate Zoology: Ichthyology*
- Lyman Bradford Smith, Ph.D., *Associate Curator, Division of Phanerogams, Department of Botany, Smithsonian Institution; Taxonomy*
- Alberto Vázquez, Ph.D., *Foreign Affairs Specialist, Division of Research for American Republics, Office of Intelligence Research, United States Department of State; Latin American Literature*
- Erwin Paul Vollmer, Ph.D., *Research Physiologist, Naval Medical Research Institute; Endocrinology*
- Henry Welch, Ph.D., *Chief, Division of Penicillin Control and Immunology, United States Food and Drug Administration; Antibiotics*
- Willard Hull Wright, D.V.M., Ph.D., *Scientist Director, United States Public Health Service; Chief, Zoology Laboratory, National Institutes of Health; Parasitology*
- Ralph Aubrey Young, M.B.A., Ph.D., *Director, Division of Research and Statistics, Board of Governors, Federal Reserve System; International Finance*

## GENERAL INFORMATION

### INTRODUCTORY

The Graduate Council offers a program of advanced study and research leading only to the degree of Doctor of Philosophy. It was established in 1930 to replace the Graduate School which had formerly administered work for the Master's as well as the Doctor's degrees. The Graduate Council provides a doctoral discipline which moves freely across administrative lines dividing departments of instruction or fields of study. It gives personal supervision to a limited number of students, each of whom has his own consultative committee, examinations, and research direction.



## FIELDS OF RESEARCH

The following fields of research have been authorized by the Graduate Council as those in which doctoral investigations and dissertations may be undertaken. The supporting fields of study required of all candidates for the degree of Doctor of Philosophy are specified for each individual student by his Consultative Committee before admission to study under the Council.

This list of fields is subject to such change as the educational resources of the University may direct. The prospective student may address preliminary inquiries concerning his research interests to the member of the Council who is in charge of the field, or to the Chairman of the Graduate Council.

*Anatomy*

(1) Gerontology; (2) Cytology

Andrew

*Bacteriology*

(1) Intestinal Microbiology; (2) Immunity in Tuberculosis; (3) Problems in Medical Bacteriology with especial reference to Diagnostic Methods and Immunization

Parr

(1) Intestinal Microbiology; (2) Immunology: Antigenic Analysis  
Bacterial Nutrition  
Antibiotics  
VirologyGriffin  
Brewer  
Welch  
Robbins*Biochemistry*

(1) Carbohydrate Metabolism; (2) Nutrition (emphasis on vitamins); (3) Pathological Chemistry

Roe

Lipids

Treadwell  
Burk

Tissue Respiration

*Biology*

Cytology

Bowman

*Botany*

(1) Mycology; (2) Plant Pathology

Plant Physiology

Taxonomy

Diehl  
Yocum  
Smith*Chemistry*

Organic

Inorganic

Physical: Solubilities

Analytical

Wrenn  
Naeser  
Van Evera  
Norton*Economics*

Economic Theory: (1) Economic Fluctuations; (2) History of Economic Thought

Burns

Economic Policy: (1) Economic Planning; (2) Public Finance

Watson

(1) National Income; (2) Public Finance  
International Economics  
International Finance

Colm  
Polak  
Young

*History*

European: Nationalism  
European: (1) Diplomatic since 1815; (2) The Modern Near  
East  
United States: (1) Social; (2) Economic  
United States: (1) Diplomatic; (2) Political  
Latin American: (1) Spanish and Portuguese Colonies in  
America; (2) Nineteenth and Twentieth Century History;  
(3) Inter-American Relations

Kayser  
Davison  
  
Gray  
Merriman  
Wilgus

*Law*

Trade Regulation: Trade Practices and Antitrust Laws  
Jurisprudence

Oppenheim  
Collier

*Literatures and Languages*

English: (1) Sixteenth Century Drama; (2) Seventeenth  
Century Drama  
English: Eighteenth Century Drama  
American: Literary Nationalism  
German: (1) Germanic Philology; (2) Comparative Philology  
Romance: (1) Romance Linguistics; (2) Old and Middle  
French; (3) Old Spanish  
Romance: Modern Spanish Literature  
Romance: Latin American Literature  
Romance: (1) Sixteenth Century French Literature; (2)  
Modern French Literature  
Romance: Seventeenth Century French Literature

Tupper  
  
Stone  
Bolwell  
Sehrt  
Doyle  
  
Alonso  
Vázquez  
Keating  
  
Protzman

*Mathematics*

Algebra: Finite Groups  
Geometry: Differential Geometry  
Analysis: Infinite Series

Johnston  
Taylor  
Mears

*Pathology*

Comparative Pathology

Jones

*Pharmacology*

(1) Chemotherapy; (2) Drug Metabolism

Smith

*Physics*

Experimental: Electronics  
Electron Optics  
Theoretical: (1) Relativity; (2) Nuclear; (3) Astrophysics  
Theoretical: The Solid State

Brown  
Marton  
Gamow  
Montroll

*Physiology*

- (1) Nutrition and Endocrines; (2) Cardiovascular System  
 (1) Blood Pressure Studies; (2) Neuro-Muscular Studies  
 Physiology of Nutrition  
 Endocrinology

Albritton  
 Leese  
 Hundley  
 Vollmer

*Political Science*

- United States: (1) The Legislative Process; (2) Governmental  
 Organization and Administration  
 International: The Far East  
 International: Comparative Government and Political Theory  
 International: International Politics and Organization  
 International Law: (1) War and Neutrality; (2) Arbitration

West  
 Johnstone  
 Kraus  
 Hadsel  
 Brewer

*Psychiatry*

- Problems of Treatment (M.D. degree required for admission)

Overholser

*Psychology*

- (1) Personnel Psychology; (2) Counseling and Guidance  
 (1) Psychological Measurements; (2) Abnormal Psychology  
 Social Psychology  
 Personnel Psychology

Dreese  
 Hunt  
 Tuthill  
 Hubbard

*Statistics*

- (1) Theoretical: Probability and Sampling; (2) Applied Econ-  
 ometrics  
 Multivariate Analysis

Weida  
 Kullback

*Zoology*

- Invertebrate: Morphology and Embryology  
 Invertebrate: Molluscan Morphology and Physiology  
 Invertebrate: Crustacea  
 Parasitology: Parasitic Protozoa  
 Vertebrate: Embryology and Morphogenesis  
 Vertebrate: Ichthyology

Young  
 Galtsoff  
 Schmitt  
 Wright  
 Hansen  
 Schultz

## ADMISSION PROCEDURE

For admission the student must possess adequate preparation for advanced study, including satisfactory Bachelor's and Master's degrees, or the equivalent, together with acceptable personal qualities and a capacity for creative scholarship. Previous graduate study should have been in the same general field as that proposed for doctoral study.

Before applying, the student should have personal interviews with the Chairman of the Council and the professor in charge of the central field of study.

After application blank and transcripts of previous academic training have been filed the student must demonstrate his ability to read either French or German in the field of his major interest. Both French and German are required without exception, but only one at the time of



admission. The student then meets his personal admission committee which makes its recommendations to the Council. The committee may specify additional prerequisites for the student's doctoral program.

#### STUDY FOR THE COUNCIL FELLOWSHIP EXAMINATION

The discipline for the degree is divided into two stages. The first is made up of study in related fields of learning which support the general area of research concentration, culminating in the Council Fellowship Examination. The second stage is composed of research and investigation of a particular project in a special field and the presentation of such research in a written dissertation, culminating in the Final Examination.

At the beginning of the student's program of study leading to the Council Fellowship Examination, a consultative committee is assigned to direct his work in a group of fields of learning, usually five or six in number, deemed necessary to insure his breadth of knowledge and general competence for continuing independent research, as well as to support the dissertation project in his central field. Members of the consultative committee will advise the student concerning the scope and content of these supporting fields, and will assist the student in preparation for his examination in them.

This advanced study may be done by attending courses of instruction and graduate seminars, by conference with members of the student's committee, and by independent means. The examination, however, not credits or grades for work done in courses, is the sole test of the student's ability to enter upon the second phase of his doctoral discipline. The examination is a series of written tests usually extending over a period of one week. The major portion of a day is given to each part of the examination covering one of the fields of study on the student's program. If the results of the examination are satisfactory the student is admitted as a Fellow of the Graduate Council, to pursue his specialized study and research under the supervision of a member of the Council.

#### RESEARCH, THE DISSERTATION, AND THE FINAL EXAMINATION

After the student has been inducted as a Fellow of the Council and his research program has been arranged, he is responsible only to the member of the Council who directs his research project. As a Fellow, he may attend general meetings of the Council and participate in the programs of research discussion, and enjoy unrestricted use of all the academic facilities of the University. When necessary, the Graduate Council makes provision for sending the Fellow to some other institution, library, or laboratory for special study in connection with his doctoral investigation.

The doctoral dissertation is required of all Fellows as evidence of ability to perform scholarly research and to interpret its results. An extended summary of the dissertation is published in a periodical volume by the University for distribution to other institutions and libraries. Printed copies of detailed regulations concerning the dissertation are supplied to all candidates for the doctorate.

When the completed dissertation has been approved by the member of the Council in charge of the research project, the Fellow is presented for his final examination. This examination is oral and open to the public. The committee of examiners includes not only members of the Council competent in the research field or in closely related subjects, but also at least two qualified experts from other research institutions brought to the University to participate in the examination. If the Fellow satisfies the examining committee concerning the high quality and originality of his contribution to knowledge as well as his mastery of the scholarship and research techniques of his field, the Council recommends him for the degree of Doctor of Philosophy.

#### POST-DOCTORAL STUDY

The Council expects its graduates to continue their interest in advanced study and research, and to contribute to its program. All graduates are listed as Associate Fellows and, upon request, will receive notices of all general meetings. They may continue any studies in the University without payment of tuition, and enjoy all University library privileges. Such graduates are required to pay only the usual residence fee in order to establish their active membership in the University. The use of laboratory space and equipment is contingent upon availability, and the cost of all laboratory or special library materials is paid by the graduate. Special arrangements for such privileges must be made with the Chairman of the Council. Postdoctoral work may not be applied toward any degree offered by the University.

#### REGULATIONS

*Candidates and Fellows in the Graduate Council are subject to, and are expected to familiarize themselves with, the regulations regarding REGISTRATION, FEES AND FINANCES stated on pages 20-23, and the University regulations stated on pages 36-42.*

#### RESIDENCE AND CONTINUOUS REGISTRATION

The Graduate Council expects all students to work on their doctoral programs in residence, although there is no formal regulation concerning the minimum amount of time of resident study either in preparation for

the Council Fellowship Examination or as a Fellow of the Council engaged in doctoral research. The student who undertakes either part of the doctoral program on full or limited schedule must, in accordance with University regulations, maintain continuous registration under the Graduate Council even when the Council has granted a leave of absence for study or residence elsewhere. Failure to maintain registration in each term of the academic year disrupts the residence status of the student. In such a case, the student must reapply for admission to the Council, under whatever new conditions and regulations are set up by his consultative committee or the member of the Council who directs his research.

#### TEACHING FELLOWSHIPS AND GRADUATE ASSISTANTSHIPS

A limited number of Teaching Fellowships are assigned annually to certain departments of instruction open to doctoral students registered under the Graduate Council. An announcement regarding qualifications and application for these fellowships will be sent upon request to the Office of the Graduate Council.

In many departments of instruction graduate assistants are appointed to assist in the academic program. Applicants should inquire directly of the executive officer of the department concerned regarding vacancies and details of appointment.

A pamphlet describing details of the Graduate Council program, together with a current list of fields of research offered by the Council, will be sent upon request to the Office of the Graduate Council.



## THE SCHOOL OF MEDICINE

### THE FACULTY

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University*  
Walter Andrew Bloedorn, A.M., M.D., Sc.D., *Dean of the School of Medicine*  
Thomas Martin Peery, A.B., M.D., *Director of Postgraduate Instruction*

---

Joseph Hiram Roe, Ph.D., *Professor of Biochemistry*  
Walter Freeman, Ph.D., M.D., *Professor of Neurology*  
Walter Andrew Bloedorn, A.M., M.D., Sc.D., *Professor of Medicine*  
Errett Cyril Albritton, A.B., M.D., *Fry Professor of Physiology*  
Roger Morrison Choisser, B.S., M.D., *Professor of Pathology*  
Leland Wilbur Parr, Ph.D., *Professor of Bacteriology*  
Winfred Overholser, A.B., M.D., Sc.D., *Professor of Psychiatry*  
Frederick A. Reuter, M.D., *Professor of Urology*  
Harry Ford Anderson, M.D., *Professor of Dermatology and Syphilology*  
Daniel Bruce Moffett, A.B., M.D., *Professor of Oto-rhino-laryngology*  
Preston Alexander McLendon, B.S., M.D., *Professor of Pediatrics*  
John Parks, M.S., M.D., *Professor of Obstetrics and Gynecology*  
Brian Blades, A.B., M.D., *Professor of Surgery*  
Paul Kenneth Smith, Ph.D., *Professor of Pharmacology*  
James Winston Watts, B.S., M.D., *Professor of Neurological Surgery*  
Warren Andrew, Ph.D., M.D., *Professor of Anatomy*  
Chester Elwood Leese, Ph.D., *Professor of Physiology*  
Thomas McPherson Brown, A.B., M.D., *Professor of Medicine*  
Angus MacIvor Griffin, Ph.D., *Professor of Bacteriology*  
Ronald Atmore Cox, A.B., M.D., *Professor of Ophthalmology*  
Thomas Martin Peery, A.B., M.D., *Professor of Pathology*  
William Woodrow Stanbro, M.D., *Professor of Radiology*  
Charles Samuel Wise, B.S., M.D., *Professor of Physical Medicine and Rehabilitation*  
Ernest Alfred Watson Sheppard, M.D., C.M., *Clinical Professor of Ophthalmology*  
Radford Brown, M.D., *Clinical Professor of Obstetrics and Gynecology*  
Thomas Carlton Thompson, B.S., M.D., *Clinical Professor of Urology*  
Daniel LeRay Borden, A.M., M.D., *Clinical Professor of Surgery*  
Roscoe Willis Hall, Ph.B., M.D., *Clinical Professor of Psychiatry*  
William Staton Anderson, A.B., M.D., *Clinical Professor of Pediatrics*  
William Herndon Jenkins, M.D., *Clinical Professor of Oto-rhino-laryngology*

Carleton Raymond Treadwell, Ph.D., *Associate Professor of Biochemistry*  
Charles Seymour Coakley, M.D., *Associate Professor of Anesthesiology*  
Paul Calabrisi, A.M., *Associate Professor of Anatomy*  
Victor Frederick Ludewig, A.B., B.S., *Superintendent of the University Hospital*

COMMITTEES •

THE DEAN'S COUNCIL

Joseph Hiram Roe

Winfred Overholser

Brian Blades

COMMITTEE ON ADMINISTRATION OF THE UNIVERSITY HOSPITAL AND  
OUTPATIENT DEPARTMENT

John Parks

Walter Andrew Bloedorn, *Chairman*

Thomas McPherson Brown

Brian Blades

Victor Frederick Ludewig

COMMITTEE ON ADMISSIONS

Brian Blades

John Parks, *Chairman*

John McCallum Evans

COMMITTEE ON CURRICULUM

Leland Wilbur Parr

Thomas Martin Peery, *Chairman*

Brian Blades

John Parks

Warren Andrew

Thomas McPherson Brown

COMMITTEE ON GRADUATE STUDIES

John Parks

Errett Cyril Albritton, *Chairman*

Angus MacIvor Griffin

COMMITTEE ON LIBRARY

John Parks

Chester Elwood Leese, *Chairman*

Thomas McPherson Brown

Brian Blades

Carleton Raymond Treadwell

Thomas Martin Peery

Paul Calabrisi

Victor Frederick Ludewig

\* The President of the University and the Dean of the School of Medicine are members ex officio of all committees.

## COMMITTEE ON RESEARCH

Angus MacIvor Griffin, *Chairman*  
 John Parks Brian Blades  
 Paul Kenneth Smith Thomas McPherson Brown  
 Thomas Martin Peery

## COMMITTEE ON SCHOLARSHIP

Joseph Hiram Roe, *Chairman*  
 Leland Wilbur Parr John Parks  
 Warren Andrew Thomas McPherson Brown

## COMMITTEE ON INTERN AND RESIDENT TRAINING

Victor Frederick Ludewig, *Chairman*  
 John Parks Brian Blades  
 Thomas McPherson Brown Thomas Martin Peery

## COMMITTEE ON HOSPITAL PRIVILEGES

Thomas McPherson Brown, *Chairman*  
 John Parks Brian Blades

## ADVISORY COMMITTEE ON POSTGRADUATE INSTRUCTION

Thomas Martin Peery, *Chairman*  
 Walter Freeman Winfred Overholser  
 Preston Alexander McLendon John Parks  
 Brian Blades Thomas McPherson Brown  
 Clayton Bernard Ethridge

## GENERAL INFORMATION

## INTRODUCTORY

The School of Medicine of The George Washington University was opened in March 1825; of the medical schools now in existence in the United States, it is the eleventh in chronological order of founding. The University Hospital and Dispensary were established in 1898 and made a part of the organization of the School.

The School is a member of the Association of American Medical Colleges and is one of the medical colleges which have been continuously



approved by the American Medical Association. The degrees of the School of Medicine are recognized by all state examining boards.

#### PLAN OF INSTRUCTION

The work of the School is organized under the following departments: Anatomy; Anesthesiology; Bacteriology, Hygiene, and Preventive Medicine; Biochemistry; Dermatology and Syphilology; Medicine; Military Science and Tactics; Neurology and Neurological Surgery; Obstetrics and Gynecology; Ophthalmology; Oto-rhino-laryngology; Pathology; Pediatrics; Pharmacology; Physical Medicine and Rehabilitation; Physiology; Psychiatry; Radiology; Surgery; and Urology.

The salient features in the method of instruction are thorough laboratory training, demonstrations, and clinical teaching, with recitations and lectures to clarify the many problems presented. Courses of clinical instruction are included in the announcements of the clinical departments. The clinical material in the various hospitals and outpatient departments is utilized to the fullest extent for both clinical instruction and laboratory work.

Each of the first three years of the medical curriculum is divided into two terms of sixteen weeks. First-year students begin their study with a one-week orientation program. The senior year includes, in addition to the two sixteen-week terms, an eight-week summer term. One half of the senior class begins the summer term immediately upon completion of the junior year; the other half begins eight weeks later. Within certain limitations, students may elect the period of attendance and the service of assignment. There are no formal classes or examinations during this period.

#### EQUIPMENT AND FACILITIES

*The George Washington University Hospital.*—The hospital, with a capacity of 400 beds, was opened in 1948. This splendid edifice, which is one of the outstanding hospitals in the United States, is completely furnished with the latest and most scientific apparatus and equipment. Its purpose is to supplement existing hospital resources in the District of Columbia for the care of the sick and the injured; the education of physicians, nurses, and technicians; and the advancement of medical knowledge.

The hospital is staffed and controlled by the Faculty of the George Washington University School of Medicine and it provides excellent clinical material for the instruction of medical students. Virtually every specialty in the fields of medicine and surgery has assigned space and equipment in both the outpatient department and the bed-patient section of this modern institution.

*Medical School Building.*—The building housing the School of Medicine is a five-story structure with lecture rooms, classrooms, students' rooms, and the following laboratories: anatomy, histology and embryology, biochemistry, pathology, and clinical microscopy.

*Laboratories.*—A four-story laboratory building is adjacent to the main medical building. The major laboratories are for bacteriology, hygiene and preventive medicine, and pharmacology. They are fully equipped to enable students to pursue adequately the laboratory courses and to acquire the technical skill necessary in modern clinical and investigative work.

*Research Building.*—The Research Building houses the George Washington University Cancer Clinic; special laboratories of the National Cancer Institute; and special laboratories concerned with the biochemical, pharmacological, and cytological aspects of cancer research; pharmacological laboratories for the synthesis and study of radiocarbon drugs; and other research laboratories of the Biochemistry, Physiology, and Surgery departments.

*Medical Library.*—The Medical Library contains a selected reference collection of more than 10,000 volumes, currently obtains important new medical works, and regularly receives the principal medical journals.

Inter-library loan service is maintained by close cooperation with other medical and scientific libraries throughout Washington and vicinity.

The Medical Library is open from 9:00 A.M. to 9:00 P.M. each class day, Monday through Friday, and from 9:00 A.M. to 1:00 P.M. Saturday.

The Medical Library maintains a branch in Room 6037-A of the University Hospital for reference, research, and inter-library loan service. It is open from 2:00 to 6:00 P.M. Monday through Friday.

#### GOVERNMENT LIBRARIES AND MUSEUMS

The Library of the Surgeon General's Office of the United States Army is the most complete general medical library in the world. In addition to its great collections of medical works, all leading medical periodicals of the world are available. This Library, as well as the Library of Congress, the Public Library, and the many excellent libraries of the various government departments, is available to students and teachers through a service maintained by the Medical School Library.

The Army Institute of Pathology affords opportunity for studying the conditions met in military and general medicine and surgery. Its collection of anatomical and pathological specimens is unequalled in this country. The Museum of Hygiene, the National Museum, the Smithsonian Institution, the Botanic Gardens, and the Department of Agriculture all afford opportunities for study in Medicine and its allied sciences.



## CLINICS

The city of Washington, with about a million inhabitants, provides ample clinical material. The University Hospital and Outpatient Department furnish clinical facilities and a large proportion of the materials studied in the courses in pathology and clinical pathology.

*The University Hospital.*—All clinics are under the supervision of the Dean, who is also Medical Director of the Hospital. This insures the highest possible utilization of available clinical material for teaching purposes and the proper supervision of clinicians and students; it brings the individual student into direct contact with patients and requires him to do, under authoritative supervision, the clinical and laboratory work necessary for diagnosis and treatment; and it permits proper interpretation of the conditions occurring during the progress of cases and promotes the keeping of adequate records. Clinical and clinico-pathological conferences are held in which the history of cases, the physical findings, laboratory records, and the post-mortem pathology when available are presented and correlated.

*The Outpatient Department.*—The Outpatient Department has clinical facilities for each Service in the Hospital. Fourth-year students are assigned in rotation by section for clinical instruction in the Outpatient Department.

*Cancer Clinic.*—The facilities of the Cancer Detection Clinic are available to medical students. In addition the diagnosis and treatment of various forms of neoplasms are presented. The results of the treatment of neoplasms are evaluated by follow-up studies.

The Helen L. and Mary E. Warwick Memorial, for cancer and allied diseases, was affiliated with The George Washington University in July 1948. The purposes of this clinic are (1) to provide care for cancer patients, through group consultations within a cancer organization, and (2) to provide training for physicians in the field of oncology.

*Gallinger Municipal Hospital.*—Clinical instruction is available in all branches of medicine. A great wealth of clinical material is afforded in this hospital and by ordinance of the municipal authorities of the District of Columbia, members of the Faculty of this School of Medicine, who are nominated by this University, are assigned approximately one-third of the patients for treatment and clinical study. Third-year students serve their clinical clerkships at this institution.

*Childrens Hospital.*—Clinical instruction in pediatrics, dermatology, and orthopedic surgery.

*Emergency Hospital and Central Dispensary.*—Clinical instruction in medicine, surgery, and the specialties.

*St. Elizabeths Hospital.*—Clinical instruction in mental and nervous diseases, medicine, post-mortem work, and gross pathology. This hospital



with 6,800 beds, is maintained by the United States Government. The psychiatric clinic is one of the largest in the world.

*Mt. Alto Hospital.*—Clinical instruction in medicine and surgery is available and fourth-year students are assigned in rotation by sections for clinical clerkships.

*Walter Reed General Hospital.*—Clinical instruction is available in all branches of medicine and surgery. Fourth-year students are assigned in rotation by sections for clinical instruction.

#### ADMISSION, REGISTRATION, FEES AND FINANCIAL REGULATIONS

*Students in the School of Medicine are subject to, and are expected to familiarize themselves with, the regulations stated on pages 11-23.*

Registration in the School of Medicine is for a period of one academic year. After the student has entered the courses of instruction he is obligated for the full tuition for the academic year. No part of the tuition will be refunded upon withdrawal or dismissal for any cause. Acceptance by the School of a student's fees does not in any way obligate the School to accept the student for any subsequent year.

A fee of \$5 to defray the costs of completing the records for final consideration for admission must accompany each application. This fee applies to students whose premedical training was completed at this University as well as to students who have not previously attended this University. Fees for each term are \$325, payable in advance.

Because the number of applicants far exceeds the limit of each class, places can be reserved for only those qualified applicants who remit a deposit of \$100 which will be credited toward the tuition of the first term. Under no circumstances will this deposit be refunded.

Credit for work will not be given until, at the completion of a laboratory course, the student has replaced or paid for all articles of equipment or other University property which he has lost, broken, or destroyed. All breakage or loss not directly traceable to an individual student is assessed pro rata.

#### COST OF TEXTBOOKS AND STUDENT EQUIPMENT

The minimum cost of necessary textbooks and student equipment (microscope, drawing materials, glass slides, clinical thermometer, stethoscope, hemocytometer, etc.) is approximately as follows: first year, \$400; second year, \$250; third year, \$90; fourth year, \$80; total \$820.

A fee of \$1 a term is charged for the use (optional) of a locker.

#### REGULATIONS

*Students in the School of Medicine are subject to and are expected to familiarize themselves with, the general University regulations stated on pages 36-42.*

### ABSENCE

Absence consists in being away from a class or clinic during a scheduled period, entering after the class or clinic has begun, or leaving before either is dismissed.

Excuse for absence due to sickness must be accompanied by a certificate signed by the attending physician and must be filed in the office of the Dean.

For every unexcused absence a department will deduct one-half of one per cent from the student's final grade in the subject involved.

### GRADES

The following grading system is used: *A* (90-100); *B* (80-89); *C* (75-79); *D* (65-74) condition; *E* (below 64) failure; *Inc.*, incomplete. The passing grade in each subject is *C*.

A student who is conditioned in any subject will not be advanced until such condition is removed and then only by authority of the Committee on Scholarship. All conditions must be removed at the next make-up examination period provided for this purpose.

### EXAMINATIONS

Examinations, which may be written, oral, or practical, will be held at the end of each term.

A student who fails to appear at a regularly scheduled final examination will not be examined until the next regular examination, except by special permission of the Committee on Scholarship. For make-up examinations to remove conditions, a fee of \$5 will be charged for each subject.

All students in the School of Medicine are required to take Part I and Part II of the National Board Examinations, except that students from those states and foreign countries which do not recognize the National Board may be exempted from Part II by action of the Committee on Scholarship.

### PHYSICAL EXAMINATIONS

All first-year students are given a comprehensive physical examination upon admission to the School of Medicine. The students are informed of the findings and advised regarding such measures as will tend to maintain a high standard of health.

In addition medical students benefit from the complete Tuberculosis Case Finding Program which the School has maintained since 1938-39. Under this program all students receive tuberculin tests, X-ray examinations, and such special attention from chest specialists as is necessary

to reduce to a minimum the dangers from tuberculosis to which medical students are believed to be subject. Students are immunized against those diseases for which proven prophylactics exist.

#### RESERVE OFFICERS' TRAINING CORPS, U. S. ARMY, MEDICAL UNIT

A Medical Unit of the Reserve Officers' Training Corps is established in this School by authority of the Secretary of the Army, and an officer of the Medical Corps of the Army is detailed to the University for supervision and instruction of the unit.

The instruction is divided into two two-year courses, the elementary and the advanced. Each course consists of 90 hours a year—58 hours of prescribed medical instruction given by the Medical School and 32 hours of military medical instruction. Students who satisfactorily complete the elementary course may, up to the quota allowed by the Department of the Army, enter the advanced course. Students in the advanced course receive, from the Government, a stipend of approximately \$700.

Students in the advanced course are required to complete the course and to attend a summer training period of six weeks.

A student who successfully completes the course is recommended for a commission in the Medical Corps Reserve, if he desires appointment. It is the policy of the Department of the Army to give preference to graduates of this course in the selection for Army internship.

Membership in the Unit, which is voluntary, is open to any physically fit male student who is a citizen of the United States and who is, at the time of enrollment, within the following specified age limits: under 29 years of age for the elementary course, under 31 for the advanced course. For veterans of World War II, there is no age limit until January 1, 1952, for the advanced course. Veterans with a minimum of six months' service receive credit for the first year of the basic course; those with a minimum of twelve months' service receive credit for both years of the elementary course.

#### THE DEGREE OF DOCTOR OF MEDICINE

Upon the satisfactory completion of the requirements of the School of Medicine, the degree of Doctor of Medicine is conferred.

#### REQUIREMENTS FOR THE DEGREE

Every candidate for graduation with the degree of Doctor of Medicine must be at least twenty-one years of age, of reputable character, and free of all indebtedness to the University. He must have satisfied the admission requirements, completed satisfactorily not less than four



academic years of study as a matriculated student in Medicine, completed all required courses, and passed satisfactorily all prescribed examinations.

#### COMBINED ARTS AND MEDICINE CURRICULUM

In order to be recommended for the degree of Bachelor of Arts, the candidate must complete at least ninety credit hours of prescribed college work (at least thirty credit hours and one year of residence must be completed in Columbian College, the senior liberal arts college), and the first year of the medical curriculum. Upon satisfactory completion of the fourth year of the medical curriculum the student becomes eligible for the degree of Doctor of Medicine.

#### HONORS

A candidate who has completed the four-year medical course with an average grade of *A* may be recommended for graduation "with distinction."

#### INTERN AND RESIDENT TRAINING PROGRAM

The George Washington University offers twenty internships which are divided into two categories of ten straight medical and ten straight surgical. All interns, regardless of the Service to which they are assigned, will be given a period of training in obstetrics and gynecology.

Accredited resident training will be offered in Anesthesiology, Medicine, Neurology, Obstetrics and Gynecology, Oral Surgery, Pathology, Radiology, and Surgery.

#### POSTGRADUATE INSTRUCTION

The School of Medicine offers annually a series of short intensive postgraduate courses, varying somewhat from year to year. The series is designed for physicians in practice. The significant advances in the various specialties are presented, together with summaries of older information. A distinguished Guest Faculty supplements the Staff of the Medical School.

The Kellogg Medical Lectures, inaugurated in 1948, are a series of evening lectures and clinics, designed primarily for physicians practicing in Washington and vicinity. They are also attended by the Faculty, postgraduate students, and members of the senior class of the School of Medicine.

During the academic year 1949-50 approximately 298 physicians were enrolled in postgraduate courses. For application blanks and further

information, address the Director of Postgraduate Instruction, The George Washington University Hospital, Washington 7, D. C.

### TECHNICIAN TRAINING COURSES

#### ORTHOPTIC TECHNICIAN TRAINING COURSE

A six-month course, of 675 hours of clinical and classroom work, is offered for the training of orthoptic technicians by the Department of Ophthalmology.

#### MEDICAL TECHNOLOGIST COURSE

The course for medical technologists consists of twelve consecutive months of didactic and practical work in all phases of clinical laboratory technique. The course meets the full requirements of the Registry of Medical Technologists of the American Society of Clinical Pathologists. Prerequisites are 60 credit hours (two academic years) of college work including required credits in biology and chemistry.

Two classes are accepted each year, one entering in September and the other in March. Enrollment in each class is strictly limited so that personal instruction can be given.

Upon satisfactory completion of the course a certificate is awarded and the candidate is eligible for the certifying examination given by the Registry of Medical Technologists.

For application blanks and further information, address the Director of Laboratories, The George Washington University Hospital, Washington 7, D. C.

## THE LAW SCHOOL

### THE FACULTY AND STAFF OF INSTRUCTION \*

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University*  
Oswald Symister Colclough, B.S., LL.B., LL.D., *Dean of the Law School*  
Carville Dickinson Benson, A.B., LL.B., S.J.D., *Assistant Dean of the Law School*

Louis Harkey Mayo, B.S., LL.B., *Secretary of the Law School*

William Cabell Van Vleck, A.B., LL.B., S.J.D., LL.D., *Professor Emeritus of Law in Residence*

Charles Sager Collier, A.B., LL.B., S.J.D., *Professor of Law*

William Thomas Fryer, A.B., LL.B., J.D., *Professor of Law*

Saul Chesterfield Oppenheim, A.M., J.D., S.J.D., *Professor of Law*

Carville Dickinson Benson, A.B., LL.B., S.J.D., *Professor of Law*

James Forrester Davison, A.B., LL.B., LL.M., S.J.D., *Professor of Law*

James Oliver Murdock, Ph.B., LL.B., *Professor of Law*

Oswald Symister Colclough, B.S., LL.B., LL.D., *Professor of Law*

George Bowdoin Craighill, A.B., LL.B., *Adjunct Professor of Law*

James Ward Morris, A.B., *Adjunct Professor of Law*

James Robert Kirkland, A.B., LL.B., LL.M., *Adjunct Professor of Law*

Bolitha James Laws, LL.B., LL.M., LL.D., *Adjunct Professor of Law*

Conder Caywood Henry, A.B., LL.B., *Adjunct Professor of Law*

John Wingfield Jackson, B.S., LL.B., *Adjunct Professor of Law*

Elliott DeJarnette Marshall, LL.B., *Adjunct Professor of Law*

Frank Hammett Myers, LL.B., LL.M., *Adjunct Professor of Law*

Alvin Leroy Newmyer, LL.B., *Adjunct Professor of Law*

John Albert McIntire, A.B., LL.B., *Professorial Lecturer in Law*

Justin Lincoln Edgerton, A.B., LL.B., *Professorial Lecturer in Law*

Philip Field Herrick, A.B., LL.B., LL.M., *Professorial Lecturer in Law*

Raymond Stevens Smethurst, B.S., LL.B., *Professorial Lecturer in Law*

Francis Gerald Toye, B.S. in E.E., LL.B., *Professorial Lecturer in Law*

George Edward Monk, A.B., LL.B., LL.M., *Professorial Lecturer in Law*

Louis Loss, B.S., LL.B., *Professorial Lecturer in Law*

Charles Sylvanus Rhyne, LL.B., *Professorial Lecturer in Law*

Jennings Bailey, Jr., A.B., LL.B., *Professorial Lecturer in Law*

William Randall Compton, LL.B., M.B.A., S.J.D., *Professorial Lecturer in Law*

\* The President of the University, the Dean and the Assistant Dean of the Law School, the Registrar of the University, the Director of Admissions of the University, Professors, Adjunct Professors, Associate Professors, and Assistant Professors constitute the Faculty



Robert McKinney Cooper, Ph.M., J.D., *Associate Professor of Law*  
 \*Leroy Sorenson Merrifield, A.B., LL.B., M.P.A., *Associate Professor of Law*

John Patrick Burke, A.B., LL.B., *Associate Professor of Law*  
 Herman Israel Orentlicher, A.B., LL.B., *Associate Professor of Law*  
 John Theodore Fey, LL.B., M.B.A., *Associate Professor of Law*  
 David Benson Weaver, A.B., LL.B., *Assistant Professor of Law*  
 William Lester Griffin, A.B., LL.B., LL.M., *Assistant Professor of Law*  
 Louis Harkey Mayo, B.S., LL.B., *Assistant Professor of Law*  
 Arthur Selwyn Miller, A.B., LL.B., *Assistant Professor of Law*  
 Roger Allen Cunningham, B.S., LL.B., *Assistant Professor of Law*  
 ‡Glen Earl Weston, B.S., LL.B., *Assistant Professor of Law*  
 William Leigh Ellis, A.B., LL.B., LL.M., *Lecturer in Law*  
 Norman Alfred Sugarman, A.B., LL.B., *Lecturer in Law*  
 Joseph Dach, LL.D., LL.B., *Lecturer in Law*  
 Frederick Bernays Wiener, Ph.B., LL.B., *Lecturer in Law*  
 John Alexander Kendrick, A.B., LL.B., *Clerk of Trial Practice Court*  
 Dudley Graham Skinker, LL.B., *Assistant Clerk of Trial Practice Court*

#### COMMITTEES §

##### THE DEAN'S COUNCIL

Carville Dickinson Benson	William Thomas Fryer
Charles Sager Collier	Leroy Sorenson Merrifield
James Forrester Davison	James Oliver Murdock
Saul Chesterfield Oppenheim	

##### COMMITTEE ON ADMISSIONS

Carville Dickinson Benson, <i>Chairman</i>	
Harold Griffith Sutton	Saul Chesterfield Oppenheim

##### COMMITTEE ON GRADUATE STUDIES

Charles Sager Collier, <i>Chairman</i>	
Saul Chesterfield Oppenheim	James Forrester Davison
James Oliver Murdock	

\* On leave of absence fall term 1951-52.

‡ On leave of absence 1951-52.

§ The President of the University and the Dean and the Assistant Dean of the Law School are members ex officio of all committees.

COMMITTEE ON SCHOLARSHIP

Herman Israel Orentlicher, *Chairman*  
Carville Dickinson Benson                      John Theodore Fey

COMMITTEE ON CURRICULUM

Saul Chesterfield Oppenheim, *Chairman*  
Herman Israel Orentlicher                      Roger Allen Cunningham

LIBRARY COMMITTEE

James Oliver Murdock, *Chairman*  
Robert McKinney Cooper                      David Benson Weaver

GENERAL INFORMATION

INTRODUCTORY

LOCATION IN THE NATION'S CAPITAL

The George Washington University Law School, now in its 86th year, is the oldest law school in the District of Columbia. The School took part as a charter member in 1900 in the organization of the Association of American Law Schools and it has been an active member of the Association since that time. It is approved by the Section of Legal Education and Admissions to the Bar of the American Bar Association.

Traditionally the Law School has been national in the geographic distribution of its students. At the present time, holders of baccalaureate degrees from more than three hundred colleges and universities come from the forty-eight states, the territories, and several foreign countries to comprise the student body. As a consequence the courses of study leading to the degrees of Bachelor of Laws and Juris Doctor have been planned to provide instruction and training for the practice of law wherever the Anglo-American legal system obtains. The basic program, addressed to the development and application of the fundamental legal principles and skills which are indispensable to the equipment of a lawyer for professional responsibility and leadership in modern society, is supplemented by advanced courses as electives for senior students. A program of graduate work, with emphasis upon courses in the field of public regulation, is offered for those seeking further study and research in specialized fields of law.

Of special significance is the location of the Law School in the Nation's Capital, the focal point of the law in action, both American and

international. The work of the School goes on in this environment, presenting a unique opportunity for observation and study of federal agencies—judicial, legislative, and administrative.

#### MORNING AND EVENING DIVISIONS

The School maintains morning and evening divisions. The evening division, operating under the same standards as the morning division, provides an opportunity for employed students to obtain a legal education in keeping with American democratic ideals.

#### FALL, SPRING, AND SUMMER TERMS

The academic year consists of the fall and spring terms. Six terms of residence are required of candidates for the Bachelor of Laws degree in the morning division, eight for those in the evening division. The summer term is available for those who wish to accelerate their programs of study. Residence in the summer term, morning or evening, is counted the same as like residence during the fall or spring term.

Students may enter Law School at the beginning of any of the three terms.

#### THE LIBRARY

The Law School Library of 28,000 volumes contains the official reports of the decisions of the courts of last resort of all the states prior to the National Reporter System and of fourteen states complete to date; the National Reporter System, complete; the reports of the United States Supreme Court and lower federal courts, and the reports of federal administrative agencies; Shepard's Citations for the units of the Reporter System; the English Reprint and English Law Reports; the United States statutes; the United States Code, Annotated, and the Federal Code, Annotated; reasonably complete sets of statutes of all of the states; the English statutes; the principal English and American digests and encyclopedias; collections of special reports and annotated cases; and the leading textbooks and legal periodicals.

The Library, which is on the fourth floor of Stockton Hall, is open from 9:00 A.M. to 10:00 P.M. each class day (Saturday, 9:00 A.M. to 5:00 P.M.), and from 2:00 to 6:00 P.M. on Sunday. Books and other materials do not circulate and must be used in the Library.

#### THE LAW REVIEW

*The George Washington Law Review*, published by the University, is edited and managed by students of the Law School under the supervision of Faculty advisers. It is devoted exclusively to state and federal public



law. The location of the University in the National Capital, where the primary sources of federal public law may be observed in operation, affords an unexcelled opportunity for specialization in this field.

The *Review* organization includes a faculty editor-in-chief, a faculty board of advisory editors, a board of departmental advisory editors, and a board of student editors. The student editors are chosen each year on the basis of scholarship.

#### RESEARCH IN PUBLIC LAW

Research in public law is conducted under the supervision of members of the Faculty. The purpose of this research is to furnish means for training specialists in public law, either as government lawyers or as lawyers representing individuals or corporations in cases in which the Government is a party, and to assist in the analysis, clarification, formulation, and improvement of public law, substantive and procedural.

Candidates for the graduate degrees in the Law School and seniors who are eligible for the degree of Juris Doctor may pursue this work. Other students may be admitted with the special permission of the professor in charge.

#### COURSES OF STUDY FOR FOREIGN LAWYERS

Courses of study are provided to meet the needs of lawyers who come from countries the legal systems of which are based on the Roman or Civil Law. The objective is to provide an opportunity for such students to acquire an understanding of the fundamentals of the common law so that they may work intelligently with its materials and practitioners. In this program the students are not assigned to special classes but work in association with other students in the regular law subjects. Each student's program is adapted to his individual needs. Cognizance is also taken of whether he intends to return to his own country or to remain in this country for the practice of American law. (See *below*, Master of Comparative Law.)

#### THE STUDENT BAR ASSOCIATION

Every student in the Law School is a member of the Student Bar Association. This is organized to enable students to become better acquainted with problems of the profession, to develop better professional ideals, and to bring about closer contact with members of the profession engaged in active practice of the law.

The work of the Student Bar Association is carried on by various committees and by group and general meetings of a professional and

social nature. From time to time lectures are given by outstanding authorities on legal and professional problems.

The Placement Committee of the Student Bar Association assists graduates of the Law School to find employment and cooperates with the University Placement Office in assisting students in this respect.

#### PRACTICE AND TRIAL PRACTICE COURT

The curriculum is planned to include such training in the fundamentals of practice as is feasible in a law school. Classroom instruction is conducted in the theories of pleading and procedure, trial and appellate practice, and evidence. This instruction includes grounding in the principles of the Federal Rules of Civil Procedure and the Federal Rules of Criminal Procedure. In addition each senior student is required to participate in the work of the Trial Practice Court. This includes trying a specified number of cases, both as a senior counsel and junior counsel. For students who are planning to practice patent law, a special section of the court is devoted exclusively to the trial of patent cases. Experience in preparing and arguing appellate court cases is also available through the Case Club Competition.

#### ORDER OF THE COIF

The Order of the Coif, a national honor society with chapters in thirty-nine law schools, aims "to foster a spirit of careful study and to mark in a fitting manner those who have attained a high grade of scholarship." The George Washington University Chapter was established in 1926. Members are elected each year from the highest-ranking 10 per cent of the graduating class of the Law School.

#### REGULATIONS

*Students in the Law School are subject to, and are expected to familiarize themselves with, the following regulations and the regulations concerning ADMISSION, REGISTRATION, FEES AND FINANCES stated on pages 11-23, and the University regulations stated on pages 36-42.*

#### ORGANIZATION OF THE YEAR

The work of the year is organized into three terms known as the fall term, spring term, and summer term. The summer term is divided into two eight-week sessions, which together constitute a full term.

#### HOURS OF INSTRUCTION

Morning sections: Monday through Friday, 9:10 A.M. to 1:00 P.M.  
Trial Practice Court: Saturday, 9:30 to 11:30 A.M.

Evening sections: Monday through Friday, 5:50 to 7:40 P.M.

#### AMOUNT OF WORK

Students without substantial outside employment may take a program of studies of fourteen hours a week in which the majority of credit hours must be in the morning sections. Students with substantial outside employment must take a limited program of studies not exceeding ten hours a week. Students taking a majority of their classes in the evening may not take more than ten credit hours a week.

#### ATTENDANCE

Regular attendance at classes is required and is necessary for successful work. A student who is deficient in class attendance in any subject may, by action of the Faculty, be barred from taking the examination in that subject.

Attendance at classes is limited to students registered to take them for credit. "Auditing" classes is not permitted.

#### RESIDENCE REQUIREMENTS

Attendance in the morning classes for the fall and spring terms is counted as residence for an academic year. Attendance in the evening classes for the fall and spring terms is counted as residence for three-fourths of an academic year. A morning student enrolled in a schedule of less than ten hours a week will receive residence credit in the ratio that the hours passed bear to ten. An evening student enrolled in a schedule of less than six hours a week will receive residence credit in the ratio that the hours passed bear to six. Attendance throughout the summer term, morning or evening, is counted the same for residence purposes as like attendance during the fall or spring term.

No student admitted with advanced standing will be recommended for the degree of Bachelor of Laws until he has completed in this School at least one year of residence and passed successfully twenty-eight credit hours with the average required for the degree.

#### EXAMINATIONS

Written examinations are held at the end of each course. Every student is required to take the regular examinations in the subjects pursued, unless excused. No excuse for absence will be granted except by the Dean and then only for illness or other emergency. Application for excuse must be made in writing not later than one month after the date of the examination. A grade of *NG* (no grade) will be entered on the record of a student thus excused, and he may take the next regularly scheduled examination in the subject for which the excuse has been granted.



No special examinations will be given; except that, upon written application to the Dean, showing sufficient cause, a candidate for a degree at a convocation before the next regular examination, if he would be entitled to take a postponed examination, may, at the discretion of the Faculty, be given a special examination.

If a student fails to take an examination, a grade of *F* (to be counted as zero) will be recorded, unless the student has obtained the Dean's permission to drop the course according to regulations stated on pages 37 and 38, or to be excused from the examination.

#### GRADES

Grades are indicated by the letters *A*, excellent, 85-100; *B*, good, 75-84; *C*, satisfactory, 65-74; *D*, poor, 55-64—below standard for graduation; *F*, failed—below 55; and *NG*, no grade—student excused from failure to take regularly scheduled examination. See "Examinations" above, for grade upon failure to take an examination.

The grades *A*, *B*, *C*, and *D*, mean that the work has been completed and credit given for the subjects.

*F*, failed, means that no credit will be given. To obtain credit the student must repeat the subject; but a student who has obtained an average of *C* in the work of two successive terms and received a grade of *F* in only one subject during those terms may take the next regular examination in that subject, and if on such reexamination he obtains a passing grade he will be given credit in the subject. Both grades are recorded.

#### EXCLUSION AND PROBATION FOR POOR SCHOLARSHIP

*Candidates for the Degrees in the Professional Course.*—A student who in one term, or two successive terms, fails in courses aggregating eight or more credit hours will be excluded, except that if currently registered he will be permitted to complete the work of the term. Such a student is not eligible thereafter to be registered in the Law School or to attend classes. While excluded he may, however, with the consent of the Faculty, be admitted to the next regular examinations in those subjects in which he has made a grade below passing, and if he receives a grade of passing in those subjects with an average sufficient to make his cumulative average not less than *C*, he will be reinstated.

A student not subject to exclusion under the foregoing rule who at any time fails to maintain a cumulative average of at least *C*, will be on probation during the next two terms in which he is registered. A student on probation may at the discretion of the Dean be required to reduce his program of study. If a student on probation does not make, during the probationary period, grades sufficient to give him a cumulative average of

at least *C*, he will be excluded, except that if currently registered he will be permitted to complete the work of the term.

The cumulative average of a student includes all the grades in all the subjects taken while he is in the Law School as a candidate for a particular degree. When a subject is repeated or a reexamination is taken, both the first grade and the subsequent grade or grades are counted in the cumulative average.

In special cases in which a student who has been excluded can clearly demonstrate that he has the capacity to pursue the study of law with a definite likelihood of success, his low grades being due to special circumstances beyond his control, such student may be readmitted by the Faculty subject to such conditions as the Faculty may impose.

*Candidates for the Degrees in the Graduate Course.*—A candidate for one of the graduate degrees whose work is not satisfactory in the opinion of the Faculty, taking into consideration the requirements and standards for the degree, may, by action of the Faculty, be excluded at the end of the term for which he is currently registered.

*Unclassified Students.*—An unclassified student whose work is not satisfactory in the opinion of the Faculty may, by action of the Faculty, be excluded at the end of the term for which he is currently registered.

#### CLASSIFICATION OF STUDENTS

Students are divided into classes on the completion of credit hours as follows: first year, one through twenty-eight; second year, twenty-nine through fifty-six; third year, fifty-seven or more.

### THE DEGREES

#### IN THE PROFESSIONAL COURSE

These degrees are Bachelor of Laws (LL.B.) and Juris Doctor (J.D.).

#### REQUIREMENTS FOR THE DEGREE OF BACHELOR OF LAWS

To be recommended for this degree the student must have completed a residence period of not less than three academic years (four years for evening students) and eighty credit hours, with a cumulative average of at least *C*, including the course in Trial Practice Court.

#### REQUIREMENTS FOR THE DEGREE OF JURIS DOCTOR

This degree is conferred as a recognition of the completion at the George Washington University Law School, with high rank, of the full professional course including experience in research and legal authorship.

To be recommended for this degree the student must have completed: (1) a residence period of not less than three academic years (four years for evening students) in the Law School; (2) eighty credit hours with a cumulative average of at least *B* including the course in Trial Practice Court and one of the following courses: Comparative Law, Jurisprudence, or one of the graduate seminars; and (3) one year of acceptable service on the board of student editors of *The George Washington Law Review*, election to which is subject to regulations laid down by the Faculty. Students taking the combined Arts and Law or Engineering and Law courses are not eligible for this degree.

#### HONORS

The degree of Bachelor of Laws or of Juris Doctor "with distinction" will be awarded students who obtain a cumulative average of *A* in the work for the degree.

#### IN THE GRADUATE COURSE

These degrees are Master of Laws (LL.M.), Master of Comparative Law (M.Comp.L.), and Doctor of Juridical Science (S.J.D.).

#### REQUIREMENTS FOR THE DEGREE OF MASTER OF LAWS

To be recommended for this degree the student must have completed a residence period of not less than two terms. Such residence should normally be continuous. All requirements for the degree must be completed in this Law School and in a period not exceeding two years after registration for work for the degree. The student must have completed with a minimum average of *B* twenty credit hours in courses listed in the law curriculum as graduate subjects (in the 400 group) except that in individual cases third-year subjects may be approved for inclusion in the program of study if not previously taken.

#### REQUIREMENTS FOR THE DEGREE OF MASTER OF COMPARATIVE LAW

To be recommended for this degree the student must have completed a residence period of not less than one academic year. He must have completed satisfactorily twenty-four credit hours in approved subjects in the curriculum of the Law School or of such other departments of the University as the Faculty of the Law School shall approve.

#### REQUIREMENTS FOR THE DEGREE OF MASTER OF COMPARATIVE LAW (AMERICAN PRACTICE)

To be recommended for this degree the student must have completed a residence period of not less than one academic year. He must have completed twenty-eight credit hours in approved subjects in the curriculum of the Law School with a cumulative average of at least *C*.



REQUIREMENTS FOR THE DEGREE OF DOCTOR  
OF JURIDICAL SCIENCE

To be recommended for this degree the student must have completed a residence period of not less than one academic year. He must have pursued a course of study and research designated by his consultative committee and approved by the Committee on Graduate Studies. At the conclusion of his first year of residence, or at such other time as the Committee on Graduate Studies may set, the candidate must pass an oral examination in those fields of study selected by the consultative committee. This examination shall be conducted by the consultative committee and such other members of the Faculty and qualified experts from other research institutions as may be selected by the Committee on Graduate Studies.

Not later than the date specified in the University calendar the candidate must submit to the Dean one typewritten original and two legible and complete carbon copies of his dissertation in its final form. The dissertation must contain a summary of from 2,500 to 3,000 words inserted as an appendix. An additional original typewritten copy of this summary must be submitted for publication. To be acceptable the dissertation must, in the opinion of the examining committee, constitute a substantial contribution to the field of law concerned and be suitable for publication. Additional information will be supplied by the Chairman of the Committee on Graduate Studies.

The summaries of accepted dissertations will be printed in a volume forming a number of the *University BULLETIN*. The successful candidate for the doctorate is required, before receiving his degree, to pay a fee to cover the expense of printing the summary of his dissertation.

## THE SCHOOL OF ENGINEERING

### THE FACULTY AND STAFF OF INSTRUCTION\*

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University*  
*Dean of the School of Engineering*

Carl Hugo Walther, B.E., M.C.E., *Assistant Dean of the School of Engineering*

Thomas Benjamin Brown, Ph.D., *Professor of Physics*  
‡Norman Bruce Ames, M.S., E.E., LL.B., *Professor of Electrical Engineering*

James Henry Taylor, Ph.D., *Professor of Mathematics*

Frank Mark Weida, Ph.D., *Professor of Statistics*

Frederick Morris Feiker, B.S. in E.E., D.Eng., *Professor Emeritus of Engineering Administration in Residence*

Merle Irving Protzman, Ph.D., *Professor of Romance Languages*

Benjamin Carpenter Cruickshanks, B.S. in M.E., *Professor of Mechanical Engineering*

Charles Rudolph Naeser, Ph.D., *Professor of Chemistry*

Carl Hugo Walther, B.E., M.C.E., *Professor of Civil Engineering*

Bruce Douglas Greenshields, C.E., Ph.D., *Professor of Civil Engineering*

Forest Klaire Harris, Ph.D., *Professorial Lecturer in Electrical Engineering*

Waldo Edward Smith, B.E., M.S. in C.E., *Professorial Lecturer in Civil Engineering*

Robert Gay Trumbull, B.S. in C.E., *Associate Professor of Mechanical Engineering*

Wolfram Karl Legner, Ph.D., *Associate Professor of German*

Raymond Pugh Eyman, C.E., *Associate Professor of Civil Engineering*

William Sutton Carley, M.S. in E.E., *Associate Professor of Electrical Engineering*

Averett Howard, A.M., *Associate Professor of English Composition*

Charles Edward Greeley, B.S. in M.E., *Associate Professor of Mechanical Engineering*

James Joseph Kerley, Jr., A.B. in C.E., *Assistant Professor of Civil Engineering*

Frederick Henry Kohloss, B.S. in M.E., LL.B., *Assistant Professor of Mechanical Engineering*

\* The President of the University, the Dean and the Assistant Dean of the School, the Registrar of the University, the Director of Admissions of the University, Professors, Associate Professors, and Assistant Professors constitute the Faculty.  
‡ On sabbatical leave 1951-52.

- Haaren Albert Miklofsky, B.C.E., M.Eng., D.Eng., *Assistant Professor of Civil Engineering*  
 William Thomas Dickinson, M.S. in E.E., *Assistant Professor of Electrical Engineering*  
 Jerome Strauss Antel, Jr., B.S. in E.E., *Assistant Professor of Electrical Engineering*  
 John Kaye, M.S., *Assistant Professor of Mechanical Engineering*  
 Rudolph Michel, M.S. in M.E., *Lecturer in Mechanical Engineering*  
 Edward Frederick Kelley, M.S., Ae.E., *Lecturer in Mechanical Engineering*  
 Thomas Alvin O'Halloran, B.E.E., *Lecturer in Electrical Engineering*  
 Dwight Edward Shytle, *Lecturer in Electrical Engineering*  
 Alvin Raymond Schwab, B.S., M.S. in Eng., *Lecturer in Civil Engineering*  
 Frank Spaulding Borden, B.C.E., *Lecturer in Civil Engineering*  
 Ralph Brady, B.S. in E.E., *Lecturer in Electrical Engineering*  
 Jerome Addison Lee, B.S., *Lecturer in Electrical Engineering*  
 George Pida, B.E.E., *Lecturer in Electrical Engineering*  
 Chester Lewis Moye, B.S. in E.E., *Lecturer in Electrical Engineering*  
 Benjamin Franklin Slingluff, B.S. in E.E., *Lecturer in Electrical Engineering*  
 Elmer Wallace Teagarden, B.S. in C.E., *Lecturer in Civil Engineering*  
 Edward French Davis, M.S., *Associate in Mechanical Engineering*  
 John Clifford Goff, B.M.E., *Associate in Mechanical Engineering*  
 Arnold Mayo Kronstadt, B.M.E., *Associate in Mechanical Engineering*  
 Vincent Harry Hennessy, B.C.E., *Associate in Civil Engineering*

THE DEAN'S COUNCIL \*

1952

James Henry Taylor  
 Charles Rudolph Naeser

1953

Benjamin Carpenter Cruickshanks  
 Raymond Pugh Eyman

1954

William Sutton Carley  
 Bruce Douglas Greenshields

GENERAL INFORMATION

INTRODUCTORY

The School of Engineering was organized in 1884 as the Corcoran Scientific School. In 1903 that school was combined with Columbian College in the Department of Arts and Sciences. In 1905 the engineering courses were placed under an administrative organization known as the

\* Elected by the Faculty. The President of the University and the Dean and the Assistant Dean of the School of Engineering are members ex officio of the council.



Washington College of Engineering and in 1909 the name was changed to the College of Engineering and Mechanic Arts. In 1914 the name became the School of Engineering.

Courses leading to the degrees of Bachelor of Civil Engineering, Bachelor of Mechanical Engineering, and Bachelor of Electrical Engineering are accredited by the Engineers' Council for Professional Development, the recognized accrediting body of the engineering profession, composed of representatives of the American Society of Civil Engineers, the American Institute of Mining and Metallurgical Engineers, the American Society of Mechanical Engineers, the American Institute of Electrical Engineers, American Society for Engineering Education, the American Institute of Chemical Engineers, and the National Council of State Boards of Engineering Examiners.

#### REGULATIONS

*Students in the School of Engineering are subject to, and are expected to familiarize themselves with, the regulations concerning ADMISSION, REGISTRATION, FEES AND FINANCES stated on pages 11-23, and the University regulations stated on pages 36-42.*

#### AMOUNT OF WORK

Eighteen credit hours, including required physical education, constitute normal full-time work. Nine credit hours constitute normal part-time work.

A full-time student who is not on probation may take ordinarily not more than nineteen credit hours. A student employed more than twenty-four hours a week, who is not on probation, may take ordinarily not more than ten credit hours. A student whose quality-point index is 3.00 or higher may be permitted by the Dean to exceed these limits by not more than two credit hours.

A student previously unemployed who accepts employment subsequent to registration or at any time during a term is required to report that fact immediately to the Dean, in order that adjustments in schedule may be made, if necessary, to bring his program within the Faculty's limitations upon the amount of work to be carried by an employed student.

#### ATTENDANCE

The student is expected to attend every meeting of the course in which he is registered, fully prepared to carry on the work required. The student is held responsible for all work in the course, and all absences must be excused before provision will be made for him to make up the work missed. Excuses for absences from examinations which have been announced in advance can be obtained only by making written application to the instructor in charge of the course.

## THE BACHELOR'S DEGREES

The Bachelor's degrees are: Bachelor of Civil Engineering, Bachelor of Electrical Engineering, Bachelor of Mechanical Engineering, and Bachelor of Science in Engineering.

The degree of Bachelor of Science in Engineering may be earned with any of the following options: Business Administration, Chemistry, Economics, Mathematics, Physics, or Statistics.

## REQUIREMENTS FOR THE DEGREES

### SCHOLARSHIP

The system of grading and computing scholarship is described in detail on pages 36 and 37.

In order to graduate, a student must have a quality-point index of at least 2.00.

*Probation.*—A student must maintain a quality-point index of at least 2.00, or be placed on probation. A student remains on probation as long as his quality-point index is below 2.00, or until his probation is removed by the Dean's Council.

*Suspension.*—A student who has a quality-point index below 1.00 will be suspended. A student who becomes subject to probation for the third time, whether successive or after an interval, will be suspended.

A student suspended for poor scholarship may apply for readmission after an interval of one calendar year. He must then submit evidence to the Dean's Council that during his absence from the University he has so conducted himself as to indicate that he will profit by readmission. A student suspended twice for poor scholarship will not be readmitted.

---

The foregoing scholarship regulations are applied when a student has completed a minimum of twelve credit hours of work. Thereafter, the regulations are applied in multiples of twelve credit hours.

### USE OF CORRECT ENGLISH

Any student whose English in any course whatever is deemed unsatisfactory may be reported by the instructor to the Dean's Council. The Council may assign supplementary work, without academic credit, varying in amount with the needs of the student. If the work prescribed is equivalent to a course, the regular tuition fee is charged. The granting of a degree may be delayed for failure to make up any such deficiency in English to the satisfaction of the Dean's Council.

The foregoing regulation is to be interpreted as applying to both written and spoken English.

## RESIDENCE

One year, or thirty-six credit hours, must be completed in residence in the School of Engineering. Summer term work may be counted in residence, but in no case may the period of residence aggregate less than thirty weeks. Unless special permission is granted by the Dean to pursue work elsewhere, the work of the senior or final year must be completed in residence.

## CURRICULUM REQUIREMENTS

The satisfactory completion of one of the following curricula of 140 credit hours, exclusive of physical education, is required.

Physical Education is required of all students in the freshman and sophomore years. (See "Physical Education Requirements", page 39.)

Variations from the prescribed curricula may be made, with the permission of the Dean's Council. A student desiring to omit a required course and substitute another must make written application to the Dean, presenting satisfactory reasons for the substitution; and written approval must be obtained before registration for the course.

FRESHMAN YEAR (FOR ALL ENGINEERING CURRICULA)		Credit Hours
Chem. 11-12	General Chemistry .....	8
CE 2	Plane Surveying .....	3
Engl. 1-2	Freshman English .....	6
Math. 12	Plane Analytic Geometry .....	3
Math. 19	Differential Calculus .....	1
ME 1	Engineering Survey and Orientation .....	2
ME 3	Mechanical Drawing .....	2
ME 4	Descriptive Geometry .....	2
Phys. Ed.	See page 39 for statement of requirement.	6
*Phys. 6 and 7	General Physics .....	6
Total.....		34

## Bachelor of Civil Engineering

SOPHOMORE YEAR		Credit Hours
CE 21	Analytical Mechanics: Statics .....	2
CE 22	Analytical Mechanics: Dynamics .....	3
CE 23	Higher Surveying .....	4
EE 9-10	Elements of Electrical Engineering .....	6
Geol. 21-22	Physical and Historical Geology .....	6
Math. 20	Integral Calculus .....	3
Phys. Ed.	See page 39 for statement of requirement.	3
Phys. 8	General Physics .....	6
Elective	Economics 1-2 or modern language .....	3
Elective	.....	3
Total.....		36

\* The student who begins Physics with Physics 6 or 7 is subject to a qualifying examination. Credit will be given for Physics 5 if not used for entrance requirements.



JUNIOR YEAR		Credit Hours
CE 25-26	Engineering Materials .....	4
CE 123	Strength of Materials .....	3
CE 136	Hydraulics .....	3
CE 140	Materials and Hydraulics Laboratory .....	2
CE 141	Graphic Statics .....	3
CE 142	Bridge Stresses .....	3
CE 164	Highway Engineering .....	3
CE 171	Route Surveying .....	3
CE 187-88	Engineering Contracts and Specifications .....	4
ME 111-12	Thermodynamics .....	6
Speech I	Effective Speaking .....	3
Total.....		37

SENIOR YEAR		Credit Hours
CE 147-48	Structural Design .....	4
CE 149-50	Concrete and Masonry Construction .....	6
CE 151-52	Statically Indeterminate Structures .....	4
CE 181-82	Water Supply and Sewerage .....	6
CE 189-90	Civil Engineering Proseminar .....	2
ME 141-42	Management Problems .....	4
Elective	.....	7
Total.....		33

## Bachelor of Electrical Engineering

SOPHOMORE YEAR		Credit Hours
CE 21	Analytical Mechanics: Statics .....	2
CE 22	Analytical Mechanics: Dynamics .....	3
EE 9-10	Elements of Electrical Engineering .....	6
Math. 20	Integral Calculus .....	3
Math. 132	Differential Equations .....	3
ME 13-14	Mechanism .....	4
Phys. Ed.	See page 39 for statement of requirement.	
Phys. 8	General Physics .....	3
Phys. 55	Physical Measurements .....	2
Speech I	Effective Speaking .....	3
Elective	Economics 1-2 or modern language .....	6
Total.....		35

JUNIOR YEAR		Credit Hours
1. Communications Option		
CE 123	Strength of Materials .....	3
EE 105-6	Direct-Current Laboratory .....	4
EE 107	Alternating-Current Circuits .....	3
EE 108	Alternating-Current Machinery .....	3

EE 111-12	Electrical Measurements .....	4
EE 118	Advanced Network Theory I .....	3
EE 120	Advanced Network Laboratory I .....	2
ME 111-12	Thermodynamics .....	6
Phys. 132	Electronics .....	3
Elective	.....	4
Total .....		35

## SENIOR YEAR

CE 25-26	Engineering Materials .....	4
CE 136	Hydraulics .....	3
EE 109	Alternating-Current Machinery .....	3
EE 119	Advanced Network Theory II .....	3
EE 121	Advanced Network Laboratory II .....	2
EE 133-34	Alternating-Current Laboratory .....	4
EE 142	Radio Wave Propagation .....	3
EE 148	Applications of Electronic Devices .....	2
EE 150	Electronic Devices Laboratory .....	2
EE 189-90	Proseminar in Electrical Engineering .....	3
Phys. 133	Electronic Circuits .....	4
Elective	.....	36
Total .....		36

## JUNIOR YEAR

## 2. Power Option

CE 123	Strength of Materials .....	3
CE 136	Hydraulics .....	3
EE 105-6	Direct-Current Laboratory .....	4
EE 107	Alternating-Current Circuits .....	3
EE 108	Alternating-Current Machinery .....	3
EE 111-12	Electrical Measurements .....	4
EE 137	Electric Traction .....	2
ME 111-12	Thermodynamics .....	6
Phys. 132	Electronics .....	3
Elective	.....	4
Total .....		35

## SENIOR YEAR

CE 25-26	Engineering Materials .....	4
EE 109	Alternating-Current Machinery .....	3
EE 125-26	Principles of Electric Power Transmission .....	4
EE 133-34	Alternating-Current Laboratory .....	4
EE 138	Industrial Electrical Power Applications .....	2
EE 139	Illumination Engineering .....	2
EE 140	Electrical Design .....	3
EE 189-90	Proseminar in Electrical Engineering .....	2
ME 115	Mechanical Laboratory .....	2
Elective	Accounting, Business Administration, or Economics .....	6
Elective	.....	4
Total .....		36

## Bachelor of Mechanical Engineering

## SOPHOMORE YEAR

		Credit Hours
CE 21	Analytical Mechanics: Statics .....	2
CE 22	Analytical Mechanics: Dynamics .....	3
EE 9-10	Elements of Electrical Engineering .....	6
Math. 20	Integral Calculus .....	3
ME 7	Machine Drawing .....	2
ME 8	Mechanism Drawing .....	2
ME 13-14	Mechanism .....	4
Phys. Ed.	See page 39 for statement of requirement.	
Phys. 8	General Physics .....	3
Phys. 55	Physical Measurements .....	2
Elective	Economics 1-2 or modern language .....	6
Elective	Mathematics .....	3
Total.....		36

## JUNIOR YEAR

		Credit Hours
CE 25-26	Engineering Materials .....	4
CE 123	Strength of Materials .....	3
CE 136	Hydraulics .....	3
CE 140	Materials and Hydraulics Laboratory .....	2
CE 141	Graphic Statics .....	3
EE 13-14	Electrical Laboratory .....	4
ME 111-12	Thermodynamics .....	6
ME 141-42	Management Problems .....	4
Speech 1	Effective Speaking .....	3
Elective	.....	3
Total.....		35

## SENIOR YEAR

		Credit Hours
ME 115-16	Mechanical Laboratory .....	4
ME 126	Methods of Manufacture .....	2
ME 127-28	Machine Design .....	4
ME 129-30	Power Plants .....	6
ME 131-32	Heating, Ventilating, Air Conditioning, and Refrigeration .....	4
ME 133	Combustion Engines .....	2
ME 139	Fluid Dynamics .....	3
ME 140	Dynamics of Machinery .....	3
ME 189-90	Proseminar in Mechanical Engineering .....	2
Elective	.....	5
Total.....		35



**Bachelor of Science in Engineering**

		Credit Hours
<b>SOPHOMORE YEAR</b>		
CE 21	Analytical Mechanics: Statics .....	2
CE 22	Analytical Mechanics: Dynamics .....	3
EE 9-10	Elements of Electrical Engineering .....	6
Math. 20	Integral Calculus .....	3
ME 13-14	Mechanism .....	4
Phys. Ed.	See page 39 for statement of requirement.	
Phys. 8	General Physics .....	3
Elective	Accounting, Business Administration, or Speech....	3
Elective	Economics 1-2 or modern language .....	6
Elective	Mathematics .....	3
Elective	Physics .....	3
Total.....		36
<b>JUNIOR YEAR</b>		
CE 25-26	Engineering Materials .....	4
CE 123	Strength of Materials .....	3
CE 136	Hydraulics .....	3
CE 140	Materials and Hydraulics Laboratory .....	2
EE 13-14	Electrical Laboratory .....	4
ME 111-12	Thermodynamics .....	6
Elective	.....	13
Total.....		35
<b>SENIOR YEAR</b>		
Bus. Adm. 101	Business Organization and Combination .....	3
Bus. Adm. 102	Business Management .....	3
Geol. 21-22	Physical and Historical Geology .....	6
ME 141-42	Management Problems .....	4
Elective	.....	19
Total.....		35

The purpose of the Bachelor of Science in Engineering curriculum is to allow a student who has demonstrated his ability to do better than passing work to center his attention upon a group of subjects in which he has special interest. Options may be elected in Business Administration, Chemistry, Economics, Mathematics, Physics, or Statistics. The student's choice of courses in his option must be submitted to the Dean's Council for approval *before* the beginning of the junior year. The student must comply with such requirements as to subjects, schedules, and scholarship as the department concerned may prescribe.

Curricula recommended by the several departments in which options may be elected are available in the Office of the Dean of the School of Engineering for the guidance of students in arranging their programs.

Variations from these curricula may be made to satisfy the needs of the exceptional individual student. However, any variation must be approved in writing by the department directing the option and by the Dean's Council.

### THE PROFESSIONAL DEGREES

The professional degree of Civil Engineer, Electrical Engineer, or Mechanical Engineer may be conferred upon a graduate of the School of Engineering who has demonstrated his professional ability.

#### REQUIREMENTS FOR THE DEGREE

1. Application may not be made sooner than three years after graduation, and then only if the candidate has had responsible charge of engineering work.

2. A detailed statement of the candidate's experience, references, the degree sought, and the title of the dissertation must be filed with the Dean eight months before the Commencement at which the degree is to be conferred.

Detailed information concerning the preparation of the dissertation may be obtained from the Office of the Dean.

## THE SCHOOL OF PHARMACY

### THE FACULTY AND STAFF OF INSTRUCTION \*

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University*  
Charles Watson Bliven, M.S., *Dean of the School of Pharmacy*

---

Ralph Dale Kennedy, Ph.D., *Professor of Accounting*  
Ira Bowers Hansen, Ph.D., *Professor of Zoology*  
Lawson Edwin Yocum, Ph.D., *Professor of Botany*  
Charles Watson Bliven, M.S., *Professor of Pharmacy*  
Alan Thomas Deibert, A.M., *Professor of Romance Languages*  
Chester Elwood Leese, Ph.D., *Professor of Physiology*  
Calvin Darlington Linton, Ph.D., *Professor of English Literature*  
Angus MacIvor Griffin, Ph.D., *Professor of Bacteriology*  
William Paul Briggs, M.S., Sc.D., *Professorial Lecturer in Pharmacy*  
Carleton Raymond Treadwell, Ph.D., *Associate Professor of Biochemistry*  
George Martin Koehl, A.M., *Associate Professor of Physics*  
Robert Corbin Vincent, Ph.D., *Associate Professor of Chemistry*  

---

*, Assistant Professor of Pharmacology and Pharmacy*

*macognosy*  
Salvatore Joseph Greco, Ph.D., *Assistant Professor of Pharmacy*  
John Watson Schermerhorn, Ph.D., *Assistant Professor of Pharmaceutical Chemistry*  
Harold Jerome Bobys, A.B., C.P.A., *Lecturer on Pharmacy Administration*  
Carson Gray Frailey, A.B., LL.B., *Lecturer on Pharmaceutical Law*  
David Lucian Rice, B.S. in Phar., *Instructor in Hospital Pharmacy*

### SEMINAR LECTURERS

James Johnson Durrett, M.S., Phar.G., M.D., *Professorial Lecturer on Drug Control Problems*  
Carson Peter Frailey, Phar.D., Sc.D., *Professorial Lecturer on Industrial Pharmacy*  
Frederick John Cullen, Phar.G., M.D., *Professorial Lecturer on Drug Manufacture*  
James Albert Horton, LL.B., *Professorial Lecturer on Drug Trade Regulations*

---

\* The President of the University, the Dean of the School, the Registrar of the University, the Director of Admissions of the University, Professors, Adjunct Professors, Associate Professors, Assistant Professors, and Instructors constitute the Faculty.



- John Christian Krantz, Jr., Ph.D., *Professorial Lecturer on Pharmaceutical Research*  
 Justin Lawrence Powers, Ph.D., *Professorial Lecturer on Official Drug Standards*  
 Robert Lee Swain, Phar.D., LL.B., *Professorial Lecturer on Contemporary Pharmacy*  
 George Potter Larrick, *Professorial Lecturer on Drug Control*  
 Robert Philip Fischelis, B.S., Phar.D., Sc.D., *Professorial Lecturer on Pharmaceutical Organizations*  
 Daniel Lamont Seckinger, M.D., Dr.P.H., *Professorial Lecturer on Hygiene and Sanitation*

COMMITTEES •

ADVISORY COMMITTEE

- Irving Alexander Tennyson, *Chairman*  
 Howard Bradbury  
 William Paul Briggs  
 Fred Royce Franzoni  
 Augustus Carrier Taylor

THE DEAN'S COUNCIL ‡

- Ira Bowers Hansen  
 Salvatore Joseph Greco  
 George Martin Koehl

COMMITTEE ON SCHOLARSHIP

- Lawson Edwin Yocum, *Chairman*  
 John Watson Schermerhorn  
 Robert Corbin Vincent

GENERAL INFORMATION

INTRODUCTORY

In 1867 the foundation for the National College of Pharmacy was laid by the Apothecaries' Association of the District of Columbia. The College was opened in 1872 and continued until 1906, when it became affiliated with The George Washington University.

The School of Pharmacy is accredited by the American Council on Pharmaceutical Education as a class "A" school.

The School of Pharmacy is a member of the American Association of Colleges of Pharmacy.

Washington offers many opportunities for the study of pharmacy. Not only are the facilities of government laboratories and libraries open to the student, but the School of Pharmacy is located only a few blocks

\* The President of the University and the Dean of the School of Pharmacy are members ex officio of all committees.  
 ‡ Elected by the Faculty.

from the American Institute of Pharmacy building, in which has been established a pharmaceutical museum and library, and research laboratories which have brought to Washington the outstanding men of the profession.

#### REGULATIONS

*Students in the School of Pharmacy are subject to and are expected to familiarize themselves with the regulations concerning ADMISSION, REGISTRATION, FEES AND FINANCES as stated on pages 11-23, and the University regulations stated on pages 36-42.*

#### AMOUNT OF WORK

Normal work for any year is that outlined under the head of "Curriculum Requirements", below. A student who wishes to take more than the normal amount of work may do so only with the permission of the Committee on Scholarship, the members of which are guided in their decision by his scholastic record and the extent to which he is employed. A student on probation is limited in the amount of work he may carry.

#### ATTENDANCE

Except by special permission of the instructor, credit will not be given for any pharmacy course if absences, including both lecture and laboratory, exceed in number for each term the hours of credit for the term.

Absence consists of being away from a lecture or a laboratory, entering after the lecture or laboratory has begun, or leaving before either is dismissed.

#### EXAMINATIONS BEFORE STATE BOARDS OF PHARMACY

To be eligible for examination before most state boards of pharmacy the applicant is required to present satisfactory evidence of college graduation and in addition must have had one year of practical experience in a pharmacy where prescriptions are compounded.\*

The student is not encouraged to undertake professional work while attempting a full course of study. However, a student who maintains a quality-point index of 2.00 or higher, may be granted permission by the Dean to acquire a limited amount of professional experience by working in a pharmacy while carrying a full schedule. A student who falls below a quality-point index of 2.00 will be required to reduce his academic load, or to limit his professional experience time to less than twenty-four hours a week.

\* Beginning October 1, 1952, the District of Columbia Board of Pharmacy will not recognize practical experience which has been gained concurrently with the School year.

## THE DEGREE OF BACHELOR OF SCIENCE IN PHARMACY

Upon the satisfactory completion of the requirements of the School of Pharmacy, the degree of Bachelor of Science in Pharmacy is conferred.

### REQUIREMENTS FOR THE DEGREE

#### SCHOLARSHIP

The system of grading and of computing scholarship is described in detail on pages 36 and 37.

In order to graduate, a student must have a general quality-point index of at least 2.00. In addition, he must have a quality-point index of at least 2.50 in all pharmacy courses.

*Probation.*—A student must maintain a general quality-point index of at least 2.00, or be placed on probation.

A student remains on probation as long as his general quality-point index is below 2.00; however, a student who has an index of between 1.50 and 2.00 will be considered by the Committee on Scholarship, which may retain him on probation or suspend him.

*Suspension.*—A student who has a general quality-point index below 1.50 will be suspended; however, a student who has an index between 1.40 and 1.50 will be considered by the Committee on Scholarship, which may retain him on probation or suspend him.

A student who is subject to probation for the third time, whether successive or after an interval, will be suspended.

A student suspended for poor scholarship may apply for readmission after an interval of a calendar year. He must then submit evidence to the Dean of the School of Pharmacy that during his absence from the University he has so conducted himself as to indicate that he will profit by readmission. A student suspended twice for poor scholarship will not be readmitted.

---

The foregoing scholarship rules are applied when a student has undertaken a multiple of nine credit hours.

#### CURRICULUM

The laboratory method of teaching is used. Recitation classes are held in connection with each course in order to provide systematic drill in the subjects.

The curriculum requirements include at least 137 credit hours. At least two credit hours of the elective courses must consist of laboratory work. The following curriculum leads to the degree of Bachelor of Science in Pharmacy.



**Freshman and Sophomore Years**

Courses	Did. hrs.	Lab. hrs.	Credit hrs.	Clock hrs.
Courses in the Junior College (see page 57).....	864	704	69	1568

**Junior Year: Fall Term**

Courses	Did. hrs.	Lab. hrs.	Credit hrs.	Clock hrs.
Chemistry 151.....	48	48	4	96
Pharmacy 101.....	32	48	3	80
Pharmacy 105.....	32	....	2	32
Pharmacy 107.....	48	....	3	48
Physiology 115.....	48	....	3	48
Physiology 117.....	....	48	1	48
Total.....	208	144	16	352

**Junior Year: Spring Term**

Bacteriology 112.....	48	96	4	144
Chemistry 152.....	32	96	4	128
Pharmacy 102.....	32	96	4	128
Pharmacy 106.....	32	....	2	32
Pharmacy 110.....	48	....	3	48
Total.....	192	288	17	480

**Senior Year: Fall Term**

*Biochemistry 221.....	32	96	4	128
Pharmacy 103.....	32	96	4	128
Pharmacy 111.....	32	48	3	80
Pharmacy 165.....	16	....	3	48
Elective .....	48	96	3	112
Total.....	160	336	17	496

\* With permission of the Dean, Biochemistry 221-22 may be replaced by other courses, for purposes of specialization.

## Senior Year: Spring Term

Bacteriology 210.....	32	....	2	32
Biochemistry 222.....	32	96	4	128
Pharmacy 166.....	32	64	3	96
Pharmacy 176.....	32	....	2	32
Pharmacy 178.....	48	....	3	48
Pharmacy 188.....	32	....	....	32
Pharmacy 192.....	16	48	2	64
Elective .....	32	....	2	32
Total.....	256	208	18	464
Grand total.....	1680	1680	137	3360

## THE DEGREE OF MASTER OF SCIENCE IN PHARMACY

Upon the satisfactory completion of the graduate requirements of the School of Pharmacy, the degree of Master of Science in Pharmacy is conferred.

## DEFINITION OF THE MASTER'S WORK

The study leading to the degree of Master of Science in Pharmacy is a comprehensive survey of one or more of the fields of knowledge embraced by Pharmacy. It is a continuation of the work of the student's undergraduate major and involves a greater acquaintance with scholarly method.

The student must satisfy certain minimum requirements as to previous preparation, residence, ability to read an approved modern foreign (European) language, and courses taken; but these requirements, while essential, are regarded primarily as qualifying measures. The student's knowledge of his field, as demonstrated by his thesis and by the results of his Master's examination (together with such other examinations involving special skills or techniques as may be required), is the basis upon which the Master's degree is conferred. The foreign language requirement may be waived by faculty action in the instance of students whose field of study at the Master's level may not require such preparation.

## REQUIREMENTS FOR THE DEGREE

## RESIDENCE

An academic year of residence is required, i.e., completion of a minimum of thirty credit hours of work including the thesis, which is

\* With permission of the Dean, Biochemistry 221-22 may be replaced by other courses, for purposes of specialization.

counted as the equivalent of six credit hours of course work. Summer term work may be counted in residence, but in no case may the period of residence aggregate less than twenty-seven weeks. Not more than twelve credit hours (which must be approved in advance by the Dean of the School of Pharmacy) may be taken in another school or division of this University, and such work may not be counted toward both a degree in that school or division and the Master's degree in the School of Pharmacy.

#### AMOUNT OF WORK

A student whose previous preparation in his chosen field has been adequate may complete his requirements, including the thesis, by a minimum of thirty credit hours; others are required to do additional work. First-group courses may not be credited toward the Master's degree. Pharmacy courses numbered below 200 may be credited toward the Master's degree only when registration for graduate credit has been approved at the beginning of the course by the instructor and the Dean of the School of Pharmacy.

#### ADMISSION TO CANDIDACY

In addition to admission requirements stated on page 17, the applicant for admission to candidacy for the Master's degree must be approved by the appropriate representative of the department of Pharmacy and by the Dean.

#### SCHOLARSHIP

A student whose scholarship is considered unsatisfactory may be suspended by the Dean upon recommendation of the staff member under whom the student is working.

#### THE MASTER'S THESIS

The thesis may be of a research, expository, critical, or creative type. The main purpose of a Master's thesis is to demonstrate the student's ability to make independent use of the information and training acquired through his other disciplines, and to furnish objective evidence of his constructive powers in his chosen field. Registration for the thesis must be no later than the beginning of the final year of preparation, unless the professor in charge of the thesis permits registration at the beginning of the final term. The choice of the thesis subject must be approved by the professor in charge of the student's field and recorded in the Office of the Registrar by the date announced in the University calendar. Registration for the thesis is ordinarily made on the basis of three credit hours for two successive terms. In exceptional cases, and with the approval of the professor in charge of the thesis, the student may register for the entire six credit hours during a single term. The type-



written thesis in its final form must have the approval of the professor in charge of the student's field and must be presented to the Dean by the student not later than the date announced in the University calendar. Requirements regarding the form of the thesis are stated on page 40, and additional information will be supplied by the Dean.

Payment of tuition for the thesis entitles the candidate, during the academic year of registration, to the advice and direction of the member of the faculty under whom the thesis is to be written. In case a thesis is unfinished, an additional successive academic year may be granted without further tuition payment. If the preparation of the thesis extends beyond the two-year period the student must register for it again, and pay tuition on the same basis as for a repeated course.

#### FINAL EXAMINATION

In addition to the course examinations, the candidate must pass a final examination on the thesis and its related fields. This examination may be either written or oral at the discretion of the faculty.

If the thesis is submitted more than three years after the course requirements have been completed, a written examination covering the student's complete program of study will also be required.

## THE SCHOOL OF EDUCATION

### THE FACULTY AND STAFF OF INSTRUCTION •

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University*  
James Harold Fox, A.M., Ed.D., *Dean of the School of Education*

---

Henry Grattan Doyle, A.M., LL.D., Litt.D., *Professor of Romance Languages*  
Ruth Harriet Atwell, A.M., *Professor of Physical Education for Women*  
Frank Mark Weida, Ph.D., *Professor of Statistics*  
Mitchell Dreese, Ph.D., *Professor of Educational Psychology*  
James Harold Fox, A.M., Ed.D., *Professor of Education*  
Thelma Hunt, Ph.D., M.D., *Professor of Psychology*  
Frances Kirkpatrick, A.M., *Professor of Home Economics*  
William Henry Myers, A.M., *Professor of Physical Education for Men*  
Burnice Herman Jarman, A.M., Ed.D., *Professor of Education*  
Chester Elwood Leese, Ph.D., *Professor of Physiology*  
Meredith Chester Wilson, B.S., *Adjunct Professor of Education*  
‡Ruth Coyner Little, Ph.D., *Professorial Lecturer in Education*  
‡Ray LaForest Hamon, Ph.D., *Professorial Lecturer in Education*  
Charles Edward Bish, A.M., Ed.D., *Professorial Lecturer in Education*  
Cecil Wentworth Morgan, Ph.D., *Professorial Lecturer in Physical Education*  
Bernath Eugene Phillips, Ph.D., *Professorial Lecturer in Physical Education*  
‡William Ashby Early, A.M., *Professorial Lecturer in Education*  
‡Errett Glenn Featherston, A.M., Ed.D., *Professorial Lecturer in Education*  
‡Holger Frederick Kilander, Ph.D., *Professorial Lecturer in Physical Education for Men*  
‡Cyrus Haymond Maxwell, M.D., *Professorial Lecturer in Physical Education for Men*  
Helen Bennett Lawrence, A.M., *Associate Professor of Physical Education for Women*  
Kathryn Mildred Towne, A.M., *Associate Professor of Home Economics*

• The President of the University, the Dean of the School, the Registrar of the University, the Director of Admissions of the University, Professors, Adjunct Professors, Associate Professors, Assistant Professors, and Instructors constitute the Faculty.  
‡ On leave of absence 1951-52.

Joseph Henry Krupa, M.S., *Associate Professor of Physical Education for Men*

Elizabeth Burtner, A.M., *Associate Professor of Physical Education for Women*

Blake Smith Root, A.M., Ed.D., *Associate Professor of Education*

Ralph Windsor Ruffner, A.M., Ed.D., *Associate Professor of Education*

Lewie Woodrow Burnett, A.B., Ed.D., *Associate Professor of Education*

Raymond George Hanken, B.S. in P.E., *Assistant Professor of Physical Education for Men*

Marjorie Tate, A.M., *Assistant Professor of Physical Education for Women*

Vincent James DeAngelis, B.S. in P.E., A.M. in Ed., *Assistant Professor of Physical Education for Men*

Jane Frost Hilder, A.M., *Lecturer in Education*

Madaline Kinter Remmlein, Ph.D., J.D., *Lecturer in Education*

LuVerne Crabtree Walker, A.M., *Lecturer in Education*

\*Helen Barton Goodwin, A.M., *Lecturer in Education*

Florence Mary Lumsden, A.M., Ed.D., *Lecturer in Education*

William Samuel Rumbough, A.M., Ed.D., *Lecturer in Education*

Cannon Chiles Hearne, A.M., *Lecturer in Education*

John Frederick Brougher, A.M., Ed.D., *Lecturer in Education*

James Herrick Hall, A.M., Ed.D., *Lecturer in Education*

Howard Odin Johnson, A.M., Ed.D., *Lecturer in Education*

Frederick Anderson Indorf, A.M., *Lecturer in Education*

Arne William Randall, A.M., *Lecturer in Education*

Raymond Ray Reed, A.M., *Lecturer in Education*

Joseph Bueol Johnson, A.M., Ed.D., *Lecturer in Education*

Mary Ellen Coleman, A.M., *Lecturer in Education*

#### CONSULTANTS IN RESEARCH

Wesley Earl Armstrong, M.S., Ed.D., *Chief for Teacher Education, U. S. Office of Education*

John Robert Ludington, Ph.D., *Specialist in Industrial Arts, U. S. Office of Education*

#### FIELD SERVICE COORDINATORS

William Wallace Rich, A.M., *Supervisor of Secondary Schools, Arlington County, Virginia*

Helen King Finlay, A.M., *Assistant Principal, Washington-Lee High School, Arlington, Virginia*

\* On leave of absence 1951-52.



## COMMITTEES\*

## THE DEAN'S COUNCIL ‡

1952

Frank Mark Weida  
Elizabeth Burtner

1954

1953  
Joseph Henry Krupa  
Blake Smith RootRaymond George Hanken  
Ralph Windsor Ruffner

## COMMITTEE ON ADMISSION AND ADVANCED STANDING

The Dean of the School, *Chairman*Harold Griffith Sutton  
Frances Kirkpatrick  
William Henry MyersFrank Mark Weida  
Burnice Herman Jarman  
Ruth Harriet Atwell

## COMMITTEE ON SCHOLARSHIP

Blake Smith Root, *Chairman*

William Henry Myers

Helen Bennett Lawrence

Kathryn Mildred Towne

## GENERAL INFORMATION

## INTRODUCTORY

It is the purpose of the School of Education to prepare teachers, supervisors, and administrators for the higher ranges of educational service and to offer opportunities to teachers of experience to extend their education. The School includes the departments of Education, Physical Education, and Home Economics. It offers both graduate and undergraduate work. Other departments of the University provide general education and subject-matter courses needed for a well-balanced program of teacher education.

The schedule of courses is arranged to meet the convenience of both full-time and part-time students. By attending evening, Saturday, and summer classes, teachers in the schools of Washington and vicinity may complete all the requirements for a degree without giving up their positions.

## REGULATIONS

*Students in the School of Education are subject to, and are expected to familiarize themselves with, the regulations concerning ADMISSION, REGISTRATION, FEES AND FINANCES stated on pages 11-23, and the University regulations stated on pages 36-42.*

\* The President of the University and the Dean of the School of Education are members ex officio of all committees.  
‡ Elected by the Faculty.

#### AMOUNT OF WORK

A normal program of work for an undergraduate student is fifteen credit hours. A student with a quality-point index of 3.00 or higher may, with the Dean's permission, take eighteen hours. More than eighteen hours may not be taken except by special permission of the Committee on Scholarship.

For an employed student nine credit hours constitute a normal program. A student with a quality-point index of 3.00 or higher for the preceding term may be permitted by the Dean to take twelve or thirteen credit hours.

For a graduate student twelve credit hours, exclusive of the thesis, constitute a normal program. An employed student may not take more than nine credit hours.

#### THE BACHELOR'S DEGREES

Upon the satisfactory completion of the undergraduate requirements of the School of Education, the degree of Bachelor of Arts in Education, Bachelor of Science in Home Economics, or Bachelor of Science in Physical Education is conferred.

The program of work of each student must be approved by a Faculty adviser. Since each student's program of work will be defined by his particular needs, it is important that the student have a clear conception of his major interest in education, and also that he be familiar with the teaching-certificate requirements in the locality in which he expects to teach.

#### REQUIREMENTS FOR THE DEGREES

To be recommended for a degree a student must satisfy the admission, residence, scholarship, and curriculum requirements.

##### RESIDENCE

For full details concerning continuous registration, see page 40.

##### SCHOLARSHIP

The system of grading and of computing scholarship is described in detail on pages 36 and 37.

In order to graduate, a student must have a quality-point index of at least 2.00.

*Probation.*—An undergraduate student who fails to maintain a quality-point index of at least 2.00 will be placed on probation. A student remains on probation as long as his quality-point index is below 2.00, or until his probation is removed by the Committee on Scholarship.

*Suspension.*—An undergraduate student who fails to pass in half or

more than half of his work, based on a minimum of sixteen credit hours, will be suspended.

A student who has been suspended for poor scholarship may within ten days appeal his case to the Committee on Scholarship through the Dean. If the case appears to be remediable and the student appears likely to improve in his scholarship thereafter, the Committee may readmit him on probation. A student who has been denied readmission on probation may petition the Committee on Scholarship through the Dean for readmission after the lapse of a calendar year. A student who has been suspended twice will not be readmitted.

#### CURRICULUM REQUIREMENTS

In any of the following curricula at least thirty credit hours must consist of courses numbered above 100.

##### Bachelor of Arts in Education

Programs leading to the degree of Bachelor of Arts in Education have three main objectives: (1) provision of general educational backgrounds, (2) a functional command of ideas, concepts, knowledges, and skills in one or more teaching fields, and (3) a mastery of basic professional information and skills adequate for a beginning teacher. Since the contents of teaching fields differ in scope and complexity, some programs are longer than others in terms of credit hours. None require less than 126 credit hours of satisfactory work, exclusive of required Physical Education. Normally, 60 credit hours of the total requirement are completed in the Junior College of the University or in an equivalent institution elsewhere. (See "Education", page 58.)

The general educational backgrounds needed by prospective teachers are obtained through: (1) pre-college education, (2) college courses, (3) work experience, (4) leadership activities, (5) participation in student campus activities, and (6) utilization of off-campus cultural opportunities.

Teaching-field requirements include satisfactory completion of prescribed academic courses in one or more fields, a satisfactory score on the special field examination of the National Teacher Examinations, and satisfactory completion of the prescribed special methods courses. Programs of study are available in the following fields: art, biology, business education, chemistry, elementary education, English, French, geography, German, history, home economics, mathematics, physics, social studies, Spanish, and speech.

##### Bachelor of Science in Home Economics

The curriculum leading to this degree is designed to prepare young women for the important responsibility of home-making. The program



can be adapted, however, to meet special requirements in nutrition, dietetics, clothing, and other related fields. Each student must plan her work with the assistance of a Faculty adviser in the Department of Home Economics.

## GENERAL HOME-MAKING

JUNIOR YEAR		Credit Hours	SENIOR YEAR		Credit Hours
Home Economics 53.....	3		Home Economics 152.....	3	
Home Economics 72.....	3		Home Economics 171.....	3	
Home Economics 102.....	3		Home Economics 181.....	3	
Home Economics 123.....	3		Home Economics 192.....	3	
Physiology 115.....	3		Home Economics 197-98.....	6	
Electives .....	15		Psychology 29.....	3	
			Electives .....	9	
Total.....	30		Total.....	30	

## Bachelor of Science in Physical Education for Men

There are three curricula leading to this degree. The Single-Major and Subject-Certification Teacher's Course is designed to prepare students for teaching positions in smaller schools where it is necessary to teach an academic subject in addition to physical education. The Single-Major Teacher's Course prepares for the teaching of physical education in the larger schools. The Physical Education and Recreation Course has been planned for those who wish to be prepared to direct programs of recreation in addition to the teaching of physical education.

The minimum requirements for this degree are sixty-six credit hours, distributed as follows:

## SINGLE-MAJOR AND SUBJECT-CERTIFICATION TEACHER'S COURSE

The minimum requirements for this degree are twenty-one credit hours in education, twenty-three credit hours in physical education, nineteen credit hours in an academic teaching field, and three credit hours in physiology, distributed as follows:

JUNIOR YEAR		Credit Hours	SENIOR YEAR		Credit Hours
Education 109-10.....	6		Education 131.....	3	
Education 121-22.....	6		Education 133-34.....	6	
Physical Education 105.....	3		Physical Education 103.....	3	
Physical Education 113-14.....	4		Physical Education 115-16.....	4	
Physical Education 122.....	3		Physical Education 131.....	3	
Physiology 115.....	3		Physical Education 138.....	3	
Academic teaching field.....	8		Academic teaching field.....	11	
Total.....	33		Total.....	33	

**SINGLE-MAJOR TEACHER'S COURSE**

The minimum requirements for this degree are twenty-one credit hours in education, thirty credit hours in physical education, three credit hours in physiology, and twelve credit hours of electives:

JUNIOR YEAR		Credit Hours	SENIOR YEAR		Credit Hours
Education 109-10	.....	6	Education 131	.....	3
Education 121-22	.....	6	Education 133-34	.....	6
Physical Education 109-10	.....	4	Physical Education 103	.....	3
Physical Education 113-14	.....	4	Physical Education 105	.....	3
Physical Education 115-16	.....	4	Physical Education 131	.....	3
Physical Education 121	.....	3	Physical Education 138	.....	3
Physical Education 122	.....	3	Elective	.....	12
Physiology 115	.....	3			
Total	.....	33	Total	.....	33

**PHYSICAL EDUCATION AND RECREATION COURSE**

The minimum requirements for this course are sixty-six credit hours, distributed as follows:

JUNIOR YEAR		Credit Hours	SENIOR YEAR		Credit Hours
Education 109	.....	3	Education 131	.....	3
Education 121-22	.....	6	Education 133-34	.....	6
Physical Education 48	.....	2	Physical Education 103	.....	3
Physical Education 109-10	.....	4	Physical Education 122	.....	3
Physical Education 113-14	.....	4	Physical Education 131	.....	3
Physical Education 132	.....	1	Physical Education 138	.....	3
Physical Education 151-52	.....	6	Physical Education 153-54	.....	6
Electives	.....	7	Physical Education 161	.....	3
			Physical Education 162	.....	3
Total	.....	33	Total	.....	33

**Bachelor of Science in Physical Education for Women**

There are three curricula leading to this degree. The Dual-Major Teacher's Course is designed to prepare students for teaching positions in smaller schools where it is necessary to teach an academic subject in addition to physical education. The Single-Major Teacher's Course prepares for the teaching of physical education in the larger schools. Within this course there is opportunity for specialization in dance, sports, or correctives. The Physical Education and Recreation Course has been planned for those who wish to be prepared to direct programs of recreation in addition to the teaching of physical education.

The minimum requirements for this degree are sixty-six credit hours, distributed as follows:

## DUAL- OR SINGLE-MAJOR TEACHER'S COURSE

The student desiring to prepare herself to teach another subject in addition to Physical Education for Women may do so by choosing her elective hours from one subject-matter field with the advice of the Dean of the School of Education. Relevant work completed in the Junior College may be counted in this subject-matter field.

JUNIOR YEAR	Credit Hours	SENIOR YEAR	Credit Hours
Education 109-10 .....	6	Education 121-22 .....	6
Physical Education 51-52 .....	4	Education 133-34 .....	6
Physical Education 58 .....	2	Physical Education 103 .....	3
Physical Education 105-6 .....	6	Physical Education 113-14 .....	4
Physical Education 115-16 .....	4	Physical Education 131 .....	3
Physical Education 121 .....	3	Physical Education 138 .....	3
Physical Education 122 .....	3	Academic teaching field or elective .....	9
Physical Education 132 .....	1		
Physiology 115 .....	3	Total .....	34
Total .....	32		

## PHYSICAL EDUCATION AND RECREATION COURSE

JUNIOR YEAR	Credit Hours	SENIOR YEAR	Credit Hours
Education 121-22 .....	6	Education 133-34 .....	6
Physical Education 48 .....	2	Physical Education 103 .....	3
Physical Education 51-52 .....	4	Physical Education 113-14 .....	4
Physical Education 58 .....	2	Physical Education 138 .....	3
Physical Education 105-6 .....	6	Physical Education 153-54 .....	6
Physical Education 109-10 .....	4	Physical Education 161 .....	3
Physical Education 115-16 .....	4	Physical Education 162 .....	3
Physical Education 132 .....	1	Elective .....	5
Physical Education 151-52 .....	4	Total .....	33
Total .....	33		

## Prescribed Courses in the Various Teaching Fields

## ART

	Credit Hours
One two-term course from the following group.....	6
Art 121-22: World History of Art	
Art 151-52: Modern Art	
Art 161-62: History of Art Criticism	
One two-term course from the following group.....	6
Art 101-2: The Design of the Home	
Art 141-42: Interior Decoration	
Art 143-44: Folk Arts of America	
Two two-term courses from the following group.....	24
Art 67-68: Life and Portrait—Drawing and Painting	



Art 73-74: Still Life and Portrait—Drawing and Painting; Antique Drawing	
Art 165-66: Life and Portrait—Drawing and Painting	
Art 175-76: Composition	
Art 179-80: Sculpture	
Art 183-84: Design and Commercial Art	6
Education 141-42: Teaching Art.....	43
Total.....	49

**BIOLOGY**

Biology 1-2: Survey in Biology.....	6
Botany 1: Structure and Functions of the Flowering Plant.....	3
Home Economics 152: Nutrition.....	3
Physiology 115: Physiology.....	3
Zoology 1-2: Introduction to Zoology.....	8
Additional courses as approved by the Adviser.....	12
Education 144: Teaching Science.....	3
Total.....	38

**BUSINESS EDUCATION**

Accounting 1: Introductory Accounting.....	1
Economics 1-2: Introductory Economics.....	3
Secretarial Studies 51: Business Correspondence and Reports.....	
Additional courses as prescribed in one of the following groups:	
Group 1—Secretarial Studies	
Secretarial Studies 2: Intermediate Typewriting.....	3
Secretarial Studies 12: Intermediate Shorthand and Transcription .....	3
Secretarial Studies 15: Advanced Shorthand, Typewriting, and Transcription .....	3
Secretarial Studies 16: Secretarial Shorthand, Typewriting, and Transcription .....	3
Secretarial Studies 54: Secretarial Practice.....	3
Additional courses from the following as approved by the adviser	6
Accounting 2: Introductory Accounting	
Business Administration 101: Business Organization and Combination	
Business Administration 109: Office Management	
Business Administration 141: Principles of Marketing	
Business Administration 151: Retailing	
Economics 121: Money and Banking	
Political Science 127: Commercial Law	
Statistics 52: Mathematics of Finance	2
Education 150: Teaching Business Subjects .....	35
Total.....	35
Group 2—Bookkeeping, Business Arithmetic, and Business Law	
Accounting 2: Introductory Accounting.....	3
Business Administration 101: Business Organization and Combination .....	3

Business Administration 102: Business Management.....	3
Political Science 127-28: Commercial Law.....	6
Statistics 52: Mathematics of Finance.....	3
Two of the following courses, as approved by the Adviser.....	6
Accounting 137: Financial Statement Analysis	
Business Administration 121: General Insurance	
Business Administration 131: Business Finance	
Business Administration 138: Investments	
Economics 121: Money and Banking	
Education 150: Teaching Business Subjects .....	2
Total.....	38

## Group 3—Distributive Education

Business Administration 141: Principles of Marketing.....	3
Business Administration 142: Marketing Problems.....	3
Business Administration 145: Sales Management.....	3
Business Administration 151: Retailing .....	3
Four of the following courses, as approved by the Adviser.....	12
Business Administration 146: Sales Management	
Business Administration 147: Advertising	
Business Administration 150: Principles of Purchasing	
Business Administration 158: Traffic Management	
Business Administration 174: Introduction to Foreign Trade	
Business Administration 176: Exporting and Importing	
Education 150: Teaching Secretarial Studies.....	2
Total.....	38

## CHEMISTRY

Chemistry 11-12: General Chemistry.....	8
Chemistry 21: Qualitative Inorganic Analysis.....	4
Chemistry 22: Quantitative Inorganic Analysis.....	4
Chemistry 151-52: Organic Chemistry.....	8
Chemistry 191: History of Chemistry.....	2
One of the following two-term courses.....	8-10
Chemistry 111-12: Physical Chemistry	
Biochemistry 221-22: Biochemistry	
Education 144: Teaching Science.....	3
Total.....	37-39

## ELEMENTARY EDUCATION

Education 113: Elementary School Art.....	3
Education 114: Elementary School Music.....	3
Education 127: Children's Literature.....	3
Biology 1-2: Survey in Biology.....	6
Chemistry 3-4: Survey of Physical Sciences.....	8
Geography 51: Introduction to Geography.....	3
Geography 52: Introduction to Earth Science.....	3
Physical Education 51: Physical Education in Elementary School	3
Political Science 9-10: Government of the United States.....	6
Total.....	38

## ENGLISH

English 1-2: Freshman English.....	6
English 52: Introduction to English Literature.....	3
English 71-72: Introduction to American Literature.....	6
English 125: The Evolution of Modern Speech.....	3
English 135-36: Shakespeare.....	6
Speech 11: Training the Speaking Voice.....	3
Three of the following term courses with the approval of the adviser	9
English 126: The Appreciation of Literature	
English 151-52: The Romantic Movement	
English 161-62: Victorian Literature	
English 165-66: The Twentieth Century	
English 171-72: Studies in American Literature	
English 173-74: Major American Poets	
English 176: American Drama	
English 177-78: American Fiction	
English 182: The English Novel	
English 199: Proseminar	3
Education 136: Teaching English.....	39
Total.....	39

## FRENCH

French 1-2: First-year French .....	6
French 3-4: Second-year French.....	6
French 51-52: Survey of French Literature.....	6
French 109-10: French Conversation and Composition.....	6
Additional courses in French as approved by the Adviser.....	12
Education 146: Teaching Foreign Languages.....	3
Total.....	39

## GEOGRAPHY

Geography 51: Introduction to Geography.....	3
Geography 52: Introduction to Earth Sciences.....	3
Geography 103-4: Cartography .....	6
Geography 113: Geomorphology .....	3
Geography 114: Weather and Climate .....	3
Geography 122: Political Geography .....	3
Geography 123: Economic Geography .....	3
Two of the following term courses.....	6
Geography 181: Anglo-America	
Geography 182: Historical Geography of the United States	
Geography 183: Northwest Europe	
Geography 184: Mediterranean Region	
Geography 191: Middle America	
Geography 192: South America	
Geography 195: Eastern and Southern Asia	
Geography 196: Southwestern Asia and Soviet Union	
Two of the following term courses.....	6
Geography 131: Conservation of Natural Resources	
Geography 132: Land Use	



## The School of Education

141

Geography 141: Geography of Settlement	
Geography 142: Urban Geography	
Education 138: Teaching the Social Studies.....	3
Total.....	39

### GERMAN

German 1-2: First-year German.....	6
German 3-4: Second-year German.....	6
German 115-16: Survey of German Literature.....	6
German 121-22: Conversation and Composition.....	6
Additional courses in German as approved by the Adviser.....	12
Education 146: Teaching Foreign Languages.....	3
Total.....	39

### HISTORY

History 39-40: The Development of European Civilization.....	6
History 71-72: The Development of the Civilization of the United States.....	6
Six credit hours, as approved by the Adviser, from each of the following groups.....	18

#### Group 1—American History

- History 171-72: Social History of the United States
- History 173: Representative Americans
- History 174: Economic History of the United States
- History 181-82: Diplomatic History of the United States

#### Group 2—European History

- History 119: Thought and Culture of the Western World III: from the Reformation through the Age of Reason
- History 120: Thought and Culture of the Western World IV: Intellectual Aspects of the Modern Age
- History 130: Nationalism
- History 145-46: Russian History
- History 147: Economic History of Europe
- History 148: Oversea Expansion of Europe
- History 149-50: European Diplomatic History
- History 151-52: English History

#### Group 3—Latin American History

- History 161-62: Latin American History
- History 163-64: Current Latin American Problems

Additional credit hours, as approved by the Adviser from one of the foregoing groups.....	6
Education 138: Teaching the Social Studies.....	3
Total.....	39

### MATHEMATICS

Mathematics 3: College Algebra.....	3
Mathematics 6: Plane Trigonometry.....	3

Mathematics 12:	Analytic Geometry.....	3
Mathematics 19:	Differential Calculus.....	3
Mathematics 20:	Integral Calculus.....	3
Mathematics 125:	Advanced Algebra.....	3
Mathematics 132:	Differential Equations, or	3
Mathematics 139:	Advanced Calculus.....	3
An additional course in Mathematics as approved by the Adviser....		3
Statistics 52:	Mathematics of Finance.....	3
Education 140:	Teaching Mathematics.....	3
Total.....		30

## PHYSICS

Physics 5, 6, 7, and 8:	General Physics.....	12
Physics 55:	Physical Measurements.....	2
Physics 101:	Mechanics.....	3
Physics 105:	Principles of Electricity.....	3
Physics 106:	Optics.....	3
Chemistry Elective—Chemistry 11-12: General Chemistry or		
Chemistry 12-21:	General Chemistry and Qualitative Inorganic	8
Analysis .....		3
Mathematics 12:	Analytic Geometry.....	3
Mathematics 19:	Differential Calculus.....	3
Mathematics 20:	Integral Calculus.....	6
Six credit hours to be selected from the following.....		
Physics 102:	Heat and Thermodynamics	
Physics 113:	Atomic Physics	
Physics 114:	Statistical Physics	
Physics 128:	Sound	
Physics 132:	Electronics	
Physics 155-56:	Advanced Physical Measurements	3
Education 144:	Teaching Science.....	49
Total.....		

## SOCIAL STUDIES

History 39-40:	The Development of European Civilization.....	6
History 71-72:	The Development of the Civilization of the United	6
States .....		6
Political Science 9-10:	Government of the United States.....	12
Two of the following courses.....		
Economics 1-2:	Introductory Economics	
Geography 51, 52:	Introduction to Geography and Earth Sciences	
Sociology 1-2:	Introductory Sociology	
Additional second-group courses as approved by the Adviser from one		
of the following fields: Economics, Geography, History, Political		12
Science, Sociology.....		3
Education 138:	Teaching Social Studies.....	45
Total.....		

SPANISH

Spanish 1-2: First-year Spanish.....	6
Spanish 3-4: Second-year Spanish.....	6
Spanish 109-10: Spanish Conversation and Composition.....	6
Additional courses as approved by the Adviser.....	18
Education 146: Teaching Foreign Languages.....	3
Total.....	39

ENGLISH

Speech 1: Effective Speaking.....	3
Speech 2: Speech Making.....	3
Speech 11: Training the Speaking Voice.....	3
Speech 32: Oral Reading.....	3
Speech 102: Oral Interpretation of Literature.....	3
Education 136: Teaching English.....	3
One of the following areas of specialization as approved by the adviser:	
Group 1—Public Speaking.....	18
Speech 131: Group Discussion and Conference Leadership	
Speech 136: Public Discussion and Debate	
Speech 143: Persuasion	
Speech 145-46: History and Criticism of Public Address	
Speech 148: Speeches for Special Occasions	
Group 2—Speech Correction.....	18
Speech 175-76: Speech Correction	
Speech 177: Hearing Rehabilitation	
Speech 178: Clinical Practice in Speech Therapy	
Speech 179: Clinical Practice in Hearing Therapy	
Speech 180: Speech Pathology	
Additional courses in English, Physiology, Psychology, or Speech to total 18 credit hours, as approved by the adviser	
Group 3—Theatre .....	19
Speech 102: Oral Interpretation of Literature	
Speech 151-52: Acting	
Speech 155-56: Stagecraft	
Speech 163-64: Play Direction	
Speech 165-66: History of the Theatre	
Total.....	36 or 37

PROFESSIONAL EDUCATION

The basic professional information and skills needed by beginning teachers are provided through four one-year courses, two in each of the junior and senior years. Lectures and class discussions are closely coordinated with field work. Instruction is differentiated to meet the needs of those preparing to teach on the various levels—elementary school, junior high school, senior high school, and adult.



**Professional Courses**

Education 109-10: Learning and Teaching.....	6
*Education 111-12: Elementary School Curriculum.....	6
Education 121-22: Society and the School.....	6
†Education 131: Common Teaching Skills.....	3
Education 133-34: Observation and Practice Teaching.....	6
†Education 136 to 150: Special Methods.....	2-6
Total.....	29-33

**THE DEGREE OF MASTER OF ARTS IN EDUCATION**

Upon the satisfactory completion of the graduate requirements of the School of Education, the degree of Master of Arts in Education is conferred. This is a professional degree, designed to prepare the student for some particular type of educational service. The program of studies leading to the degree is selected by the candidate and his adviser from the various related departments of the University to give the student an adequate background in his chosen vocational field. For the prospective high school or junior high school teacher this will ordinarily include study in the subject which he is planning to teach as well as in the field of education.

In accordance with the foregoing general pattern of work, graduate programs of study are available in the following fields: (1) school administration—superintendency, secondary school principalship, or elementary school principalship; (2) adult education; (3) secondary education—senior or junior high school; (4) elementary education—intermediate grade or early childhood education; (5) agricultural extension education; (6) curriculum; (7) employee training; (8) guidance; (9) physical education. Programs of work for teachers-in-service are differentiated from those for students without teaching experience. Additional information concerning these programs may be obtained by writing to the Dean.

**ADMISSION TO CANDIDACY**

In addition to admission requirements stated on page 18, the applicant for admission to candidacy for the Master's degree must (1) have a general undergraduate quality-point index of at least 2.50. (2) have demonstrated a genuine interest in teaching, and (3) be in possession of personality traits that give promise of better-than-average success as a teacher. Those desiring to prepare for positions in guidance or administration must have had at least two years of successful teaching experience. Candidates who have had no professional courses must

\* Not required for those preparing for secondary school teaching.  
 † Not required for those preparing for elementary school teaching.

satisfactorily complete the required undergraduate professional courses, including Observation and Practice Teaching, in addition to graduate course requirements.

#### ADVANCED STANDING

Graduate work completed in other accredited institutions of learning may be credited toward the Master's degree, but a minimum of thirty credit hours must be completed at The George Washington University as a matriculated candidate in the School of Education.

Advanced courses completed in excess of the requirements for the Bachelor's degree in this University may be credited toward the Master's degree to the extent of twelve credit hours, provided the work fits in with the student's plan of specialization and is approved in writing by the Dean before being undertaken.

In determining advanced standing at the time of admission or readmission to Master's candidacy at this University, graduate work completed more than three years previously is not counted.

#### REQUIREMENTS FOR THE DEGREE

##### PLANS OF STUDY

Two plans of study lead to the degree of Master of Arts. *Plan 1* requires a minimum of thirty hours of graduate credit, including a thesis carrying six hours of graduate credit. *Plan 2* requires a minimum of thirty-three hours of graduate credit, including a course in *Educational Research Methods and Procedures* carrying three hours of graduate credit.

##### SELECTION OF COURSES

Programs of study under *Plan 1* must include a minimum of twelve credit hours from third group courses in addition to the thesis. Under *Plan 2* a minimum of eighteen credit hours, in addition to the course in *Educational Research Methods and Procedures*, must be from third group courses.

Programs of study must include a minimum of twelve credit hours from courses offered in the Department of Education.

When programs of study include additional academic preparation in one or more teaching fields, undergraduate and graduate courses combined must be at least equivalent to the undergraduate requirements of the Bachelor of Arts degree in the teaching field concerned.

##### THE THESIS

The thesis required under *Plan 1* must conform to standards prescribed by the Committee on Theses. A statement of these standards may be obtained at the Office of the Dean.

The thesis subject must be approved in writing by the candidate's adviser and recorded in the Office of the Registrar by the date announced in the University calendar. One typewritten original and three legible and complete carbon copies of the thesis in its final form must be presented to the Dean by the candidate not later than the date announced in the University calendar. Requirements regarding the form of the thesis are stated on page 40, and additional information will be supplied by the Dean.

Payment of tuition for the thesis will entitle the candidate, during the academic year of registration, to the advice and direction of the member of the Faculty under whom the thesis is to be written. In case a thesis is unfinished, an additional successive academic year may be granted without further tuition payment. If the preparation of the thesis extends beyond the two-year period, it must be registered for again, and tuition paid on the same basis as for a repeated course.

#### COMPREHENSIVE EXAMINATION

In addition to the course examinations, the candidate must pass a professional comprehensive examination which shall take into account his area of specialization.

#### FIVE-YEAR PROGRAM

A candidate entering the School of Education from the Junior College (or with equivalent preparation) may choose a three-year program leading to the degrees of Bachelor of Arts and Master of Arts in Education to be conferred simultaneously. The first year of this combined program will be devoted to teaching-field preparation; the work of the second year will include the Bachelor of Arts junior-year professional courses and a maximum of eighteen credit hours of graduate courses; that of the third and final year, senior-year undergraduate professional courses and the remaining graduate courses needed for the Master's degree. Observation and Practice Teaching to be elected in the third year may not be taken for graduate credit. A quality-point index of at least 2.50 must be attained before beginning the work of the senior year and the program must meet all the requirements of the degrees of Bachelor of Arts and the Master of Arts in Education.

#### THE DEGREE OF DOCTOR OF EDUCATION

The requirements for the degree of Doctor of Education cannot be stated in credit hours, but they consist in general of at least two full years of work beyond the degree of Master of Arts in Education or the equivalent. The programs of study are designed to prepare students for administrative or supervisory positions, the teaching of education in



normal schools or colleges, the teaching of an academic subject in schools or colleges, or for specialized types of educational service. The work is given a practical rather than a theoretical bent, and emphasizes the mastery and application of subject matter, both in the study requirements and in the dissertation. Special emphasis is placed upon the professional success of the candidate.

The candidate's program of study largely depends upon his previous educational background and his professional objective. Opportunities are provided for study leading to the following professional objectives: school superintendent, secondary school principal, supervisor, director of guidance, director of curriculum development, professor of education, and specialist in educational research.

#### QUALIFICATIONS OF THE APPLICANT

The candidate for the degree of Doctor of Education must have completed (1) graduate work in fields prerequisite to his objective, equivalent to that required for the degree of Master of Arts in Education in The George Washington University, and (2) at least three years of successful educational experience.

#### ADMISSION TO CANDIDACY

To be admitted to candidacy for the degree the applicant must be accepted by the Faculty of the School of Education on the basis of an examination conducted by a committee appointed by the Dean. This examination will usually include the following: (1) a written examination involving problems related to the applicant's background; (2) a scholastic-aptitude test; (3) an oral examination.

#### CONSULTATIVE COMMITTEE

If the applicant is accepted as a candidate, his consultative committee will counsel the candidate and guide his work.

The consultative committee, in cooperation with the candidate, will (1) determine the candidate's fields of study, in each of which the candidate must pass a written examination at least eight months before he presents himself for the degree; (2) formulate a list of course requirements and of readings that will assist him in preparing for these examinations; and (3) designate the tools of investigation that will be needed by the candidate in the prosecution of his study. These tools may include one or more foreign languages, statistical methods, historical criticism, or any others considered essential by the committee. An examination in the tools designated must be passed by the candidate before he takes his comprehensive examination.

### THE DISSERTATION

When the candidate has satisfied the requirements of his consultative committee, the committee is dissolved. A member of the faculty, in whose field the topic of the dissertation falls, is then appointed to serve as the candidate's adviser on his dissertation and in his field of specialization, and to recommend him to the Dean for the final oral examination when, in his judgment, the candidate's dissertation is acceptable.

Not later than the date specified in the University calendar the candidate shall submit to the Dean of the School of Education four copies of his dissertation—one typewritten original and three legible and complete carbon copies, on official thesis paper—and also a typewritten summary of the dissertation consisting of not more than 2,500 words. Requirements regarding the form of the dissertation are stated on page 40, and additional information will be supplied by the Dean.

The successful candidate is required, before receiving his degree, to pay a fee to cover the expense of printing the summary of his dissertation.

### THE FINAL EXAMINATION

At least three weeks before the degree is to be conferred the candidate must pass an oral examination on his dissertation and on his field of specialization before a committee of the Faculty appointed by the Dean, supplemented by two experts from outside the University appointed by the President. This examination is open to the public and all are privileged to question the candidate. The Dean, or a member of the Faculty designated by him, will preside at this examination.

## THE SCHOOL OF GOVERNMENT

### THE FACULTY AND STAFF OF INSTRUCTION\*

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University*

Arthur Edward Burns, Ph.D., *Dean of the School of Government*

Richard Norman Owens, Ph.D., C.P.A., *Professor of Business Administration*

Elmer Louis Kayser, Ph.D., LL.D., *Professor of European History*

Warren Reed West, Ph.D., *Professor of Political Science*

Frank Mark Weida, Ph.D., *Professor of Statistics*

Harold Griffith Sutton, M.S., *Professor of Finance*

Mitchell Dreese, Ph.D., *Professor of Educational Psychology*

Alva Curtis Wilgus, Ph.D., *Professor of Latin American History*

Ralph Dale Kennedy, Ph.D., *Professor of Accounting*

Wood Gray, Ph.D., *Professor of American History*

Thelma Hunt, Ph.D., M.D., *Professor of Psychology*

John Albert Tillema, Ph.D., LL.M., S.J.D., *Professor of Political Science*

Arthur Edward Burns, Ph.D., *Professor of Economics*

John Withrow Brewer, Ph.D., *Professor of International Law*

Howard Maxwell Merriman, Ph.D., *Professor of American Diplomatic History*

Donald Stevenson Watson, Ph.D., *Professor of Economics*

Myron Law Koenig, Ph.D., *Professor of American History*

James Christopher Corliss, A.M., *Adjunct Professor of Inter-American Economics*

‡Henry Furness Hubbard, Ph.D., *Adjunct Professor of Psychology*

William Crane Johnstone, Jr., Ph.D., *Professorial Lecturer in Political Science*

Gerhard Colm, Dr. rer. pol., *Professorial Lecturer in Economics*

Orton Wells Boyd, A.M., C.P.A., *Professorial Lecturer in Accounting*

Arlin Rex Johnson, Ph.D., *Professorial Lecturer on Marketing*

H. F. Arthur Schoenfeld, A.M., *Professorial Lecturer on European Diplomatic History*

Ralph Aubrey Young, M.B.A., Ph.D., *Professorial Lecturer in Economics*

Karl Ernest Stromsem, Ph.D., *Professorial Lecturer on Public Administration*

\* The President of the University, the Dean of the School, the Registrar of the University, the Director of Admissions of the University, Professors, Adjunct Professors, Associate Professors, and Assistant Professors constitute the Faculty.

‡ On leave of absence 1951-52.



- Jacques Jacobus Polak, Ph.D., *Professorial Lecturer in Economics*  
 Joseph Leo Kreiger, M.B.A., *Professorial Lecturer in Business Administration*  
 John Robert Beishline, Ph.D., *Professorial Lecturer in Business Administration*  
 Edwin Lewis, M.B.A., *Professorial Lecturer in Accounting*  
 Edward Campion Acheson, Ph.D., *Associate Professor of Finance*  
 Everett Herschel Johnson, Ph.D., *Associate Professor of Statistics*  
 Robert Dale Campbell, Ph.D., *Associate Professor of Geography*  
 Wolfgang Herbert Kraus, Dr.Jur., S.J.D., *Associate Professor of Political Science*  
 Roderic Hollett Davison, Ph.D., *Associate Professor of European History*  
 Joe Lee Jessup, M.B.A., *Associate Professor of Business Administration*  
 Paul Edward Hanchett, Ph.D., *Assistant Professor of Economics*  
 Albert Raymond Miller, Jr., A.M., *Assistant Professor of Economics*  
 James Norman Mosel, A.M., *Assistant Professor of Psychology*  
 Gordon G. Barnewall, M.B.A., *Assistant Professor of Business Administration*  
 Merle Talmadge Welshans, A.M., *Assistant Professor of Business Administration*  
 Marie Di Mario Wann, Ph.D., *Assistant Professor of Statistics*  
 Fred Latimer Hadsel, Ph.D., *Lecturer in Political Science*  
 William George Torpey, Ph.D., *Lecturer on Public Administration*  
 Charles Bigelow Stauffacher, A.M., *Lecturer on Public Administration*  
 Carl William Clewlow, A.B., *Lecturer in Business Administration*  
 Charles Lawrence Marks, A.M., *Instructor in Statistics*  
 \*Jonathan Dayton Stoddart, A.M., *Instructor in Political Science*  
 Frederick Charles Kurtz, M.B.A., *Instructor in Accounting*  
 John William Skinner, A.M., *Instructor in Business Administration*  
 Gordon Edward Bell, M.B.A., *Instructor in Accounting*  
 ‡Walter David Fackler, A.B., *Instructor in Business Administration*

## COMMITTEES §

## THE DEAN'S COUNCIL ||

1952

Thelma Hunt

Ralph Dale Kennedy

1953

Everett Herschel Johnson

Roderic Hollett Davison

1954

Wolfgang Herbert Kraus  
Donald Stevenson Watson

\* On military leave effective February 4, 1951.

‡ On leave of absence 1951-52.

§ The President of the University and the Dean of the School of Government are members ex officio of all committees.

|| Elected by the Faculty.

COMMITTEE ON ADMISSION AND ADVANCED STANDING

The Dean of the School, *Chairman*

Harold Griffith Sutton, *Secretary*

Ralph Dale Kennedy

Donald Stevenson Watson

Frank Mark Weida

GENERAL INFORMATION

INTRODUCTORY

The George Washington University has provided training in both foreign service and governmental theory and administration throughout its history. This was one of its purposes when chartered in 1821. The School of Government was established in 1928 to bring together in various undergraduate and graduate curricula the work offered in foreign service and much of the other academic work in the theory and administration of government.

It is the purpose of the School to give the student an understanding of his responsibilities under the Constitution of the United States in the conduct of public office—domestic and foreign. This can be accomplished not through any single course but through a curriculum which correlates social, economic, political, historical, business, and psychological studies.

The program embraces both graduate and undergraduate work. Curricula leading to the Bachelor of Arts degree are offered in Foreign Affairs, Accounting, Business Administration, and Statistics. A graduate curriculum in each of these subjects is also offered. In addition to the fields mentioned above, graduate work is available in Government and Economic Policy, Public Administration, Personnel Administration, and Vocational Counseling.

The Foreign Affairs program is broad, covering international political relations, international trade and finance, and regional studies. Its purpose is to equip students, by providing general background and specialized work, for careers in the field of American foreign relations. The diplomatic service of the United States, the several agencies of government with responsibilities in the international field, the international organizations, and American enterprise abroad offer opportunities in this field.

Governmental service requires special training and background in many other subjects, including economic research, statistical investigation, accounting, administrative management, and personnel administration. The academic background for such work is offered in the various curricula of the School and is described below.

### REGULATIONS

*Students in the School of Government are subject to, and are expected to familiarize themselves with, the regulations concerning ADMISSION, REGISTRATION, FEES AND FINANCES stated on pages 11-23, and the University regulations stated on pages 36-42.*

### AMOUNT OF WORK

A full-time student not on probation may take ordinarily not more than seventeen credit hours. A student employed more than twenty-four hours a week, who is not on probation, may take not more than ten credit hours.

A full-time undergraduate student whose quality-point index is 3.50 or higher may take not more than nineteen credit hours. An undergraduate student employed more than twenty-four hours a week, whose quality-point index is 3.50 or higher, may take up to twelve credit hours.

Exception to these rules will require the approval of the Dean.

### ATTENDANCE

The student is held responsible for all the work of the courses in which he is registered, and all absences must be excused by the instructor in charge before provision is made for him to make up the work missed.

### CLASSIFICATION OF STUDENTS

A student who holds an Associate in Arts degree from the Junior College or the equivalent from another accredited institution, and who has registered his choice of one of the prescribed curricula at the Office of the Registrar, is classed as a *junior*. A student who has completed thirty credit hours in the School of Government is classed as a *senior*. A student who has satisfactorily completed the work for the Bachelor's degrees and who has registered his choice of one of the prescribed fields of study at the Office of the Registrar, is classed as a *master in course*.

### INDEPENDENT STUDY PLAN

Under the independent study plan a student of demonstrated capacity, with special interest in the subject matter of a course, may be permitted to undertake independent study under the personal direction of an instructor, in accordance with the rules of the division in which the subject falls. Credit under this plan is limited to the specific course-credits as designated in the list of courses of instruction in this CATALOGUE.

### THE DEGREE OF BACHELOR OF ARTS IN GOVERNMENT

Upon the satisfactory completion of the undergraduate requirements of the School of Government, the degree of Bachelor of Arts in Gov-



ernment, with a designation of the major field of study, is conferred. The major fields are Foreign Affairs, Accounting, Business Administration, and Statistics.

Students who have a special need for integrating courses from several departments or from more than one major field may request approval, by a faculty committee, of a special major program. The same rules and regulations will apply as in the regularly offered majors.

Requirements for the undergraduate major in Economics and Public Administration are stated under the departments of Economics and Political Science, respectively.

#### REQUIREMENTS FOR THE DEGREE

##### SCHOLARSHIP

The system of grading and of computing scholarship is described in detail on pages 36 and 37.

In order to graduate, a student must have the following: (1) a quality-point index in all of his work of at least 2.00, and (2) a quality-point index of at least 2.50 in his major. The major includes the required courses and courses taken in the group options.

*Probation.*—A student must maintain a quality-point index of at least 2.00, or be placed on probation, where he will remain as long as his quality-point index is below 2.00.

*Suspension.*—A student who has a quality-point index below 1.00 or who is placed on probation for a third term, whether successive or after an interval, will be suspended.

For the purpose of these rules, the summer sessions are considered a term.

A student suspended for poor scholarship may apply for readmission after an interval of a calendar year. He must then submit evidence to the Committee on Admission and Advanced Standing that during his absence from the University he has so conducted himself as to indicate that he will profit by readmission. A student suspended twice for poor scholarship will not be readmitted.

A student with a limited schedule is affected by the foregoing scholarship rules only when he has undertaken fifteen credit hours.

##### CURRICULUM REQUIREMENTS

For recommendation for graduation the School of Government requires, in addition to the appropriate Junior College work (see page 18 and curricula on pages 60 and 61), a minimum of sixty credit hours during the junior and senior college years, as set forth in one of the following curricula:

		Credit Hours
<b>Foreign Affairs</b>		
Econ. 181-82...	International Economics.....	6
Hist. 150	European Diplomatic History Since 1854.....	3
or Pol. Sc. 171	International Politics.....	6
Hist. 181-82...	Diplomatic History of the United States.....	3
Pol. Sc. 172...	International Organization: the United Nations.....	6
Pol. Sc. 181-82	International Law.....	6
Language .....	Advanced Composition and Conversation.....	3
Geography .....	(To be selected from one of the following groups).....	18
Group Option...	(To be selected in consultation with adviser).....	9
Electives .....	(To be selected in consultation with adviser).....	60
<b>Total .....</b>		<b>60</b>

All foreign affairs majors must complete the *required* courses listed above. The group option provides specialization in international politics, or international economics, or a geographic region, depending upon the student's interest. Normally no more than six credit hours may be taken in an option other than the one selected. Consent of the adviser must be obtained for such modification of the option selected.

#### Group I—International Political Relations

This group option (18 credit hours as noted in list above) is composed of courses in the departments of Political Science, History, and Geography which are related to the study of American diplomatic relations. The selection of courses must be made in consultation with the adviser.

#### Group II—International Economic Relations

This group option (18 credit hours as noted in list above) is composed of courses offered primarily by the departments of Economics and Business Administration which are related to the study of American economic, financial, and business relationships with foreign countries. The selection of courses must be made in consultation with the adviser.

#### Group III—Area or Regional Studies

This group option (18 credit hours as noted in list above) may be selected from courses offered in the departments of Economics, History, Political Science, and Geography, dealing with a geographic region such as Europe, Latin America, or the Pacific Area. This selection must be approved by the adviser.

		Credit Hours
<b>Business Administration</b>		
Bus. Adm. 101.....	Business Organization and Combination.....	3
Bus. Adm. 102.....	Business Management.....	3
Bus. Adm. 105.....	Personnel Management in Industry.....	3
Bus. Adm. 131.....	Business Finance.....	3
Bus. Adm. 141.....	Principles of Marketing.....	3
Bus. Adm. 198.....	Problems in Business Management.....	3
Econ. 121.....	Money and Banking.....	6
Pol. Sc. 127-28.....	Commercial Law.....	3
Acct. 102.....	Business Budgeting.....	30
<b>Group Option (to be selected from one of the following groups).....</b>		<b>15</b>
<b>Electives (to be selected in consultation with the adviser).....</b>		<b>15</b>
<b>Total .....</b>		<b>60</b>

All Business Administration majors must complete the *required* courses listed above. The group options shown below provide specialization in several aspects of business. Selection of the option and the courses (15 credit hours) to be taken in it must be made in consultation with the adviser. Normally no more than 6 credit hours may be taken in an option other than the one selected. Consent of the adviser must be obtained if the student wishes such modification of his option group.

#### Group I—General Business

This group option is made up of selected courses offered by the departments of Accounting, Business Administration, Economics, and Statistics.

#### Group II—Personnel Management

This group option is made up of selected courses offered by the departments of Business Administration, Economics, Psychology, Speech, and Statistics.

#### Group III—Finance

This group option is made up of selected courses offered by the departments of Accounting, Business Administration, Economics, Political Science, and Statistics.

#### Group IV—Marketing

This group option is made up of selected courses offered by the departments of Business Administration, Economics, Geography, and Statistics.

#### Group V—Controllershship

This group option is made up of selected courses offered by the departments of Accounting, Business Administration, and Economics.

#### Group VI—Economics

This group option is made up of selected courses offered by the departments of Economics and Business Administration.

#### Group VII—Statistics

This group option is made up of selected courses offered by the Department of Statistics.

**Foreign Commerce.**—Business Administration majors who wish to specialize in foreign commerce may request a modification of the above requirements. The modified major excludes some of the above required courses and adds others, such as a third year of foreign language, foreign markets, exporting and importing, economic geography, and other courses relating to overseas trade. Each program must be approved by the adviser.

Accounting		Credit Hours
Acct. 137.....	Financial Statement Analysis.....	3
Acct. 147.....	Cost Accounting.....	3
Acct. 151-52.....	Intermediate Accounting.....	6
Acct. 161.....	Auditing.....	3
Bus. Adm. 102.....	Business Management.....	3
Bus. Adm. 131.....	Business Finance.....	3
Econ. 121.....	Money and Banking.....	3
Pol. Sc. 127-28.....	Commercial Law.....	6
		30
Group Option (to be selected from one of the following groups).....		15
Electives (to be selected in consultation with the adviser).....		15
Total.....		60



All Accounting majors must complete the *required* courses listed above. The group options shown below provide specialization in public accounting, commercial and industrial accounting, and governmental accounting and budgeting. Selection of the option and the courses (15 credit hours) to be taken in it must be made in consultation with the adviser.

**Group I—Public Accounting**

This group option is made up of selected courses offered by the departments of Accounting, Business Administration, and Political Science.

**Group II—Commercial and Industrial Accounting**

This group option is made up of selected courses offered by the departments of Accounting, Business Administration, Economics, and Statistics.

**Group III—Governmental Accounting and Budgeting**

This group option is made up of selected courses offered by the departments of Accounting, Business Administration, Political Science, and Economics.

	Statistics	Credit Hours
Stat. 115-16....Principles of Statistical Methods.....		6
Stat. 117.....Analysis of Variance.....		3
Stat. 118.....Correlation and the Chi-Square Test.....		3
Stat. 155-56....Mathematical Probability.....		6
Stat. 157-58....Mathematical Statistics.....		6
Group Option....(To be selected from one of the following groups).....		24
Electives .....(To be selected in consultation with adviser).....		12
<b>Total.....</b>		<b>60</b>

**Group I—Economic and Business**

Courses in this group are to be selected by students specializing in economic and business statistics in consultation with the adviser. These courses are offered by the departments of Business Administration, Economics, and Statistics.

**Group II—Education and Psychology**

Courses in this group are to be selected by students specializing in educational and psychological statistics in consultation with the adviser. These courses are offered by the departments of Psychology and Statistics.

**Group III—Mathematics and the Biological and Physical Sciences**

Courses in this group are to be selected by students specializing in mathematical statistics and statistical applications in the biological and physical science fields. Selections must be made in consultation with the adviser.

**EXAMINATIONS FOR WAIVING CURRICULUM REQUIREMENTS**

A student desiring to omit a required course may take such examination as the department prescribes, and, on passing satisfactorily, he may be relieved of the curriculum requirement in that subject and may qualify for registration in an advanced course. Passing of this examination does not entitle the student to any hours of credit toward the degree. A student desiring to take such examinations should make the request of the Dean and pay the required fee.

The candidate for the Master's degree who is deficient in under-

graduate preparation may take a comprehensive examination on his undergraduate major field. Passing of this examination entitles the student to admission without taking specific courses to make up his deficiencies.

In courses taken to satisfy undergraduate deficiencies, the student must maintain at least a 3.00 average to be eligible for admission to graduate study.

### THE DEGREE OF MASTER OF ARTS IN GOVERNMENT

Upon satisfactory completion of the graduate requirements of the School of Government, the degree of Master of Arts in Government, with a designation of the major field of study, is conferred. The major fields are Foreign Affairs, Accounting, Business Administration, Business and Economic Statistics, Government and Economic Policy, Public Administration, Personnel Administration, and Vocational Counseling.

Students who have a special need for integrating courses from two or more of the major fields of concentration for the Master's degree may request approval, by a faculty committee, of a special major program. All rules and regulations for the Master's degree will apply to such special programs.

A 3.00 average in the undergraduate major is normally required for admission to graduate study.

#### ADMISSION TO CANDIDACY

A student is formally recognized as a candidate for the Master's degree only when his application for candidacy has been approved by the Dean. Application is made on a form obtainable at the Office of the Registrar.

Candidates for the Master of Arts degree in Foreign Affairs or in Government and Economic Policy must show a reading knowledge (certified by the appropriate language department) of at least one modern foreign language, to be approved by the Dean. Such examination should be taken before the student begins the second 15 hours of his work. Examinations in modern foreign languages will be given on the dates specified in the University calendar.

#### REQUIREMENTS FOR THE DEGREE

A minimum of thirty credit hours of work, as outlined in the curricula on pages 158-60, must be completed successfully. Variations from these curricula require the permission of the Dean.

No part of the minimum requirement may be taken in any other institution.

A second-group course (numbered 101-200), taken either in the undergraduate or graduate years, may be counted toward the Master's degree

only when registration for advanced credit has been approved at the beginning of the course by the Dean and by the officer of instruction, and provided that the student has done such extra work in the course as may be prescribed by the instructor.

Work completed more than three years prior to registration for the Master's degree will be counted only if the candidate successfully passes an examination on the subject matter of the work offered for credit.

In addition to the course examinations, the candidate must pass a comprehensive written examination in his major field. An oral examination on his thesis may also be required.

No work counted toward a Bachelor's degree may be counted toward a Master's degree.

A student who expects to continue his studies for the degree of Doctor of Philosophy after receiving the Master's degree will be assisted in planning his program so that he can qualify for admission to candidacy for the Doctorate.

#### RESIDENCE

No credit is granted for work done in absentia, i.e., without formal instruction, except for the thesis, which may be completed in absentia with the permission of the department concerned.

#### SCHOLARSHIP

A student whose scholarship is unsatisfactory may be suspended by the Dean. Regarding the system of grading, see pages 36 and 37.

#### CURRICULUM REQUIREMENTS

A normal program includes a minimum of twenty-four credit hours of course work and the thesis (six credit hours), to be selected from the courses listed under the chosen major field, and such other courses as may be necessary. Programs should be prepared in advance in consultation with the adviser and submitted to the Dean on the appropriate form; if the program is not completed at the time of registration this must be attended to not later than one month following registration.

#### Foreign Affairs

Prerequisite: an undergraduate major in foreign affairs, economics, history, or political science, depending upon the field of specialization. Any course deficiency in foreign affairs must be made up.

The Master of Arts program in Foreign Affairs is offered in three fields of specialization: International Economics, International Politics, and Regional Studies.

*International Economics.*—Graduate courses in economics (numbered 200 and over) in the field of international trade, the balance of payments, international financial policies, and international economic policies form the principal part of



this specialization. Graduate courses in economic theory are recommended. Other courses may be included with the consent of the adviser.

*International Political Relations.*—Graduate courses in political science and history (numbered 200 and over), in international law, international politics, international organization, diplomatic history, and American foreign policy, comprise the principal requirements for this specialization. Related courses may be added with the consent of the adviser.

*Regional Studies.*—Graduate courses in economics, political science, history, and geography (numbered 200 and over) dealing with a geographic region, such as Latin America, Europe, or the Pacific Area, comprise the principal requirements. Other courses of broader scope in economics, history, and political science are recommended as part of the program. The adviser in all cases must approve such selections.

The listing of graduate courses for these programs is given in the departmental offerings for Economics, History, Political Science, and Geography.

### Accounting

Prerequisite: an undergraduate major in accounting or the equivalent. The Master of Arts program in Accounting requires the following courses:

Acct. 262.....	Advanced Auditing.....	3
Acct. 282.....	Advanced Accounting Theory.....	3
Act. 295-96.....	Seminar in Accounting.....	6
Bus. Adm. 231.....	Corporation Financial Problems.....	3

The remaining nine hours of course work are to be selected from courses in or related to accounting with the approval of the adviser.

### Business Administration

Prerequisite: an undergraduate major in business administration or the equivalent.

The Master of Arts program in Business Administration requires 24 credit hours of course work, at least 15 of which must be in Business Administration. The remaining 9 credit hours may be taken in related fields. All programs must be approved by the adviser.

### Business and Economic Statistics

Prerequisite: an undergraduate major in statistics or the equivalent, coupled with adequate training in economics, business administration, and mathematics.

The Master of Arts program in Business and Economic Statistics requires at least twelve credit hours to be taken from the following:

Statistics 201.....	Design of Experiments.....	3
Statistics 202.....	Theory of Estimation and Testing Hypotheses.....	3
Statistics 203-4.....	The Theory of Econometrics.....	6
Statistics 205-6.....	Advanced Business and Economic Statistics..	6

The remaining twelve hours are to be selected from graduate work offered by the departments of Business Administration, Economics, and Statistics with the approval of the adviser.

### Government and Economic Policy

Prerequisite: an undergraduate major in economics or the equivalent.

Graduate courses in economics, especially those in the theory of economic policy, the level of income and employment, national income, economic stabilization, and fiscal policy, comprise the principal part of this program. Graduate courses in economic theory and statistics are recommended to complete the program. These courses and others that may be appropriate, are to be selected with the consent of the adviser.

### Public Administration

Prerequisite: an undergraduate major in political science, or an undergraduate background in the social sciences appropriate to specialization in this field.

The Master of Arts in Public Administration requires a program comprising graduate courses in governmental organization and functions, budgetary administration and controls, administrative principles and problems, and personnel management. Other related courses in political science and economics are added upon consultation with the adviser.

### Personnel Administration

Prerequisite: an undergraduate major in the social sciences, business administration, or education, coupled with courses in personnel psychology, social psychology, or abnormal psychology.

The program requires graduate credits as follows: six in personnel administration offered in the Department of Political Science; six in psychology relating to personnel work; six in labor relations and business administration; the remaining six credits are elective. Each program must be approved by the adviser.

### Vocational Counseling

Prerequisite: an undergraduate major in psychology, business administration, or education; or an undergraduate major in the social sciences appropriate to specialization in this field. The undergraduate background should include necessary basic training in such fields as psychology, sociology, statistics, labor economics, and business management or public administration.

The Master of Arts program in Vocational Counseling requires the following courses:

Psychology 227.....	Seminar: Counseling and Guidance.....	3
Psychology 228.....	Seminar: Techniques of Counseling.....	3
Psychology 229.....	Seminar: Occupational and Educational Information .....	3
Psychology 231.....	Test Construction.....	3
Psychology 236.....	Seminar: Analysis of the Individual for Purposes of Counseling.....	3

The remaining nine hours are elective, with the approval of the adviser.

### THE THESIS

Students who plan to complete work for the Master's Degree in one year should register for the thesis at the beginning of the year; otherwise the thesis should be registered for not later than the beginning of

the final year. The choice of the thesis subject must be approved by the professor in charge and recorded in the Office of the Registrar by the date announced in the University calendar. The typewritten thesis in its final form must have the approval of the professor in charge and must be presented to the Dean by the student not later than the date announced in the University calendar. Requirements in regard to the form of the thesis are stated on page 40, and additional information will be supplied by the Dean.

Payment of tuition for the thesis entitles the candidate, during the academic year of registration, to the advice and direction of the member of the Faculty under whom the thesis is to be written. In case a thesis is unfinished, an additional successive academic year is granted without further tuition payment. If the preparation of the thesis extends beyond the two-year period, it must be registered for again, and tuition paid on the same basis as for a repeated course.

#### FOREIGN SERVICE REVIEW COURSE

The School of Government is continuing to offer its summer Foreign Service Review Course, started in 1946, for persons interested in preparing for the written Foreign Service Examination given by the Department of State.

Since this Course is primarily an intensive review of college work already completed, and is offered as a service to the superior graduate student who wishes to prepare for the written Foreign Service Examination, no academic credit will be given.

Subjects to be reviewed during the 1951 Course will include the following: American History and American Diplomatic History; European History and European Diplomatic History; Principles of Economics (including International Economics and Foreign Exchange); Geography; General Statistics; Composition; Races, Languages, and Religions; Contemporary Affairs.

For further details, including designation by the Department of State, admission requirements, fees, and living accommodations, address The Director, Foreign Service Review Course, School of Government.



**TRANSFER TO REGULAR STATUS**

A "special student" may be transferred to another college or school of the University only upon complying with the regulations of the specific college or school to which he wishes to transfer. The student should familiarize himself with the regulations printed in the University CATALOGUE concerning admission, residence, and amount and quality of work. Specifically, he should note that in some cases not more than thirty (30) hours of credit may be transferred from this Division; and that both the residence and scholarship requirements of the school to which he is transferring must be met.

**ADVISORY SYSTEM**

Students in the Division of Special Students are expected to consult with an adviser in the Office of the Dean at least once each term. Any student who has a question in regard to his status, or whose grades are below "C", or who is in other academic difficulty, is urged to make an appointment promptly without waiting for a request from the Dean.

## THE COLLEGE OF GENERAL STUDIES

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University*  
Mitchell Dreese, Ph.D., *Dean of the College of General Studies*  
Roy Wallace Crawley, A.B., *Director, Off-Campus Division*

Jane Frost Hilder, A.M., *Director, Reading Clinic*  
Mary Ellen Coleman, A.M., *Assistant Director, Reading Clinic*  
Marie Marguerite Neeb, A.M., *Clinician, Reading Clinic*

### THE DEAN'S COUNCIL\*

Benjamin Douglass Van Evera                      Burnice Herman Jarman  
   James Harold Coberly

## GENERAL INFORMATION

### INTRODUCTORY

The College of General Studies, established in October 1950, supplements the previous adult education opportunities of the University (*see*, the Division of University Students) and sponsors community educational and service programs, through the Off-Campus, Campus, and Community Service divisions.

*Off-Campus Division.*—Credit and non-credit courses will be organized in any field in which there is sufficient demand and for which instructional facilities can be made available. These courses will meet at the time and place most convenient for the students enrolled and may begin at any time of the year. The Off-Campus Division works closely with personnel administrators, training officers, school officials, and others interested in developing programs of in-service training in government, schools, business, and industry.

Credit courses will be accepted by any college or school of the University, provided the student is accepted for degree candidacy and the courses are within the scope of the curriculum requirements. Credit courses may also be transferred to other colleges and universities.

Non-credit courses will be organized at the request of a group of adults interested in exploring an area of knowledge without the formality of meeting the requirements of credit courses. They will not be re-

\* The President of the University and the Dean of the College of General Studies are members ex officio of the council.

stricted to the fields usually found in a university program, but will deal with any topics or areas of interest to the group. Courses will vary in length from two or three class meetings to a full term course.

*Campus Division.*—This Division, which is in the process of being established, will develop particular programs of study leading toward degrees for adults who do not meet the usual requirements for admission to previously established colleges and schools of the University. Curriculum requirements, which are highly desirable for younger students, will be modified for adults. Advanced standing toward degrees will be granted for knowledge of and competence in a field gained through experience. Further details concerning the program of the Campus Division will be announced in a special bulletin at a later date.

*Community Services.*—The Division of Community Services, which now includes the Washington Counseling Center, the George Washington University Reading Clinic, and the Governmental Internship Scholarship Program, will sponsor the George Washington University Forum, a radio or television series, special institutes and lectures, and other educational services and programs designed to improve public understanding and good citizenship.

To help children and adults with reading difficulties, the College of General Studies operates a reading clinic for diagnosis and treatment.

#### ADMISSION

*Off-Campus Credit Courses.*—A simplified procedure for admission and registration in off-campus credit courses is conducted at the first meeting of the class. Transcripts of previous academic work are not required. Registration is restricted to those whose qualifications indicate an ability to undertake the course successfully. Admission to Off-Campus courses does not constitute admission to the campus colleges, schools, and divisions of the University.

*Off-Campus Non-Credit Courses.*—In general, off-campus non-credit courses are open to any individual interested in enrolling. When a course is organized at the request of a particular group, admission may be restricted to those recommended by the sponsoring organization. The size of classes may be limited to maintain the quality of instruction.

#### FEES

The tuition fee for credit courses is \$12 a credit hour. For non-credit courses, the fees will be determined in accordance with the length and nature of the course. Tuition is due and payable in full at the first meeting of the class. In exceptional cases, tuition fees for a credit course costing \$36 or more may be paid in three equal installments.



VETERANS

Veterans enrolling under the G.I. Bill should present their Certificates of Eligibility at the first meeting of the course during the registration process. Application forms will be available at this first class meeting for those who do not have Certificates of Eligibility approved for study in the College of General Studies. Such veterans may pay in cash or may sign promissory notes in consideration of permission granted them to register pending receipt of their Certificates of Eligibility. For further information concerning veterans, see pages 43-44.

## THE SUMMER SESSIONS

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University*  
Burnice Herman Jarman, A.M., Ed.D., *Director of the Summer Sessions*

The George Washington University is continuing the accelerated program started in 1942. During the summer the University offers two eight-week sessions which together constitute the equivalent of the fall or winter term of the academic year. In addition, the School of Education offers a special six-week session for teachers, with a pre-session of three weeks, a post-session of three weeks, and a twelve-week session in Elementary Education. Students may enter the Summer Sessions at the beginning of any of the sessions.

During the summer of 1951, courses are offered in the Junior College, Columbian College (the senior college), the Law School, the School of Education, the School of Government, and the College of General Studies.

For a complete statement concerning summer-term work, see the Summer Sessions catalogue.

COURSES OF INSTRUCTION





## COURSES OF INSTRUCTION

On the following pages of this CATALOGUE, under the alphabetically arranged names of the departments of instruction, are listed the courses of instruction offered by the University in the summer of 1951 and in the academic year 1951-52. The courses as here listed are subject to some slight change. The University reserves the right to withdraw any course announced.

### HOURS OF INSTRUCTION

Courses of instruction are scheduled in the morning, afternoon, and evening. Evening classes are identical with daytime sections of corresponding courses, are taught by the same instructors, and carry the same amount of credit. By taking the evening and summer classes and extending the time of study beyond the customary four years, a student who is able to give only part of his time to college work may complete a regular curriculum and obtain a degree.

### EXPLANATION OF COURSE NUMBERS

*An odd number preceding the name of the course indicates that the course is offered in the fall term; an even number, that it is offered in the spring term; and a double number (157-58), that it begins in the fall term and continues in the spring term.* The letter "x" following an odd course number (e.g., 21x) indicates that the course, normally offered in the fall term, is given in the spring term. The letter "x" following an even course number (e.g., 22x) indicates that the course, normally offered in the spring term, is given in the fall term.

In the departments of the School of Medicine, first-year courses are numbered from 101 to 200; second-year courses, from 201 to 300; third-year courses, from 301 to 400; and fourth-year courses, from 401 to 500. This includes courses open to both medical and nonmedical students. Courses limited to nonmedical students follow the numbering system used in "all other schools and colleges" (see below).

In the Law School, first-year courses are numbered from 101 to 200; second-year courses, from 201 to 300; third-year courses, from 301 to 400; and graduate courses, from 401 to 500.

In all other schools and colleges the following system of numbering is used:

*First-group courses.*—Courses numbered from 1 to 100 are planned for students in the freshman and sophomore years. With the approval of the adviser and the dean, they may also be taken by juniors and seniors. In certain instances, they may be taken by graduate students to make up

undergraduate deficiencies or as prerequisite to advanced courses, but they may not be credited toward a higher degree.

*Second-group courses.*—Courses numbered from 101 to 200, are planned for students in the junior and senior years. They may be credited toward higher degrees only when registration for graduate credit has been approved at the beginning of the course by the dean responsible for the graduate work and by the officer of instruction, and when the completion of additional work has been certified by the officer of instruction.

*Third-group courses.*—Courses numbered from 201 to 300 are planned primarily for graduate students. They are open, with the approval of the officer of instruction, to qualified seniors; they are not open to Junior College students or other undergraduates.

#### INDICATION OF THE AMOUNT OF CREDIT

The number of credit hours given for the satisfactory completion of a course is, in most cases, indicated in parentheses after the name of the course. Thus, a year course giving three hours of credit each term is marked (3-3), and a term course giving three hours of credit is marked (3). A credit hour usually consists of the completion of one fifty-minute period of class work or of one laboratory period a week for one term.

A dagger (†) preceding the number of a year course indicates that the course may not be entered in the second term and that credit will not be given until the work of both terms has been completed.



## ACCOUNTING

Ralph Dale Kennedy, Ph.D., *Professor of Accounting, Executive Officer*  
 Orton Wells Boyd, A.M., C.P.A., *Professorial Lecturer in Accounting*  
 Edwin Edward Stephens, B.S., LL.M., *Professorial Lecturer in Accounting*

Edwin Lewis, M.B.A., *Professorial Lecturer in Accounting*  
 James Leonard Buckler, A.M., *Lecturer in Accounting*  
 Ira Ernest Steele, A.M., *Lecturer in Accounting*  
 Harold Jerome Bobys, A.B., C.P.A., *Lecturer in Accounting*  
 Forest Carlyle Brimacombe, A.B., M.B.A., *Lecturer in Accounting*  
 Frederick Charles Kurtz, M.B.A., *Instructor in Accounting*  
 Gordon Edward Bell, M.B.A., *Instructor in Accounting*

*Associate in Arts (Junior College—Two-year vocational curriculum in Accounting).*—For curriculum, see page 61-62.

*Bachelor of Arts and Master of Arts in Government with a major in Accounting (School of Government).*—See pages 153, 155-56, 158, 159.

### FIRST GROUP

- 1-2 Introductory Accounting (3-3)** Kennedy and Staff  
 Study of basic principles underlying accounting records used by single proprietorships, partnerships, and corporations; preparation of the work sheet and financial statements; introduction to cost accounting and to valuation and income determination problems. Morning and evening sections. (Also offered 1951 summer term.)  
 Accounting 1x—same as Accounting 1, but offered spring term. Evening.  
 Accounting 2x—same as Accounting 2, but offered fall term. Prerequisite: Accounting 1, or permission of the instructor. Evening.

### SECOND GROUP

- 102 Business Budgeting (3)** Buckler, Brimacombe  
 Study of the principles, preparation, and use of a business budget, with emphasis on the importance of the budget as a managerial tool. Prerequisite: Accounting 1-2. Morning.  
 Accounting 102x—same as Accounting 102, but offered fall term. Evening.
- 111 Federal Taxation (3)** Boyd, Stephens  
 Study of the accounting and reporting requirements of federal taxation, with emphasis on income and social security taxes; business management problems presented by these taxes will also be considered. Prerequisite: Accounting 1-2. Morning and evening sections.
- 112 Federal Tax Problems (3)** Boyd, Stephens  
 Specialized study planned as a guide to federal tax practice; analysis of tax statutes, regulations, and leading cases. Prerequisite: Accounting 111. Evening.

- 121 Governmental Budgeting (3)** Buckler  
Policies, practices, and procedures relating to the formulation and execution of the federal budget; comparison with municipal and state budgets. Prerequisite: Accounting 1-2, or permission of the instructor. Evening.
- 125 Governmental Accounting (3)** Lewis  
Problems relating to governmental appropriation accounts, encumbrances, and fund accounting. Emphasis placed on municipal and state government accounting with an introduction to federal accounting. Prerequisite: Accounting 1-2, or permission of the instructor. Evening.
- 126 Federal Accounting (3)** Lewis  
Accounting problems and reports of the Federal Government. Prerequisite: Accounting 125, or permission of the instructor. Evening.
- 137 Financial Statement Analysis (3)** Kennedy, Steele  
Methods and techniques of preparing, analyzing, and interpreting financial statements for the guidance of operating executives, directors, stockholders, and creditors; determination and interpretation of trends and ratios. Prerequisite: Accounting 1-2. Morning. (Also offered 1951 summer term.)  
Accounting 137x—same as Accounting 137, but offered spring term. Evening.
- 147 Cost Accounting (3)** Bell  
Study of the theory and purpose of industrial cost accounting; treatment of the systems of cost control and determination, and the analysis and interpretation of cost data. Emphasis will be on job order cost accounting. Prerequisite: Accounting 1-2. Morning. (Also offered 1951 summer term.)  
Accounting 147x—same as Accounting 147, but offered spring term. Evening.
- 148 Standard and Distribution Cost Accounting (3)** Bell  
Analysis of the flow and accumulation of costs in continuous manufacturing or conversion processes and in product distribution; development and application of standard costs. Prerequisite: Accounting 147, or permission of instructor. Evening. (Also offered 1951 summer term.)
- 151-52 Intermediate Accounting (3-3)** Kurtz, Steele  
Study of valuation and income determination problems; treatment of depreciation, funds, and reserves; accounting for the organization, financing, operation, and dissolution of partnerships and corporations. Prerequisite: Accounting 1-2. Prerequisite to 152: Accounting 151. Morning and evening sections. (Also offered 1951 summer term.)
- 153 Advanced Accounting (3)**  
Intensive study of consolidated statements, statement of affairs, realization and liquidation reports, and estate and trust accounting. Prerequisite: Accounting 151-52. Evening. (Also offered 1951 summer term.)

161x *Auditing* (3) Kurtz  
Study of the duties and responsibilities of the auditor, principles and procedures of making audits, the technique of verifying each financial statement item, and the preparation of audit working papers and reports. Prerequisite: Accounting 151-52. Morning. (Also offered 1951 summer term.)

191 *Accounting Systems* (3) Lewis  
Theory and procedure of designing and installing accounting systems for collecting, recording, analyzing, and presenting accounting data. Prerequisite: Accounting 147, 152, and 161, or permission of the instructor. Evening.

198 *Professional Accounting Review* (3) Bell  
Review and coordination of the principles and techniques developed in the accounting curriculum, in preparation both for general practice in the field of accountancy and for professional accounting examinations. Prerequisite: Accounting 111, 125, 147, 153, and 161, or permission of the instructor. Evening.

#### THIRD GROUP

211 *Seminar in Federal Taxation* (3) Boyd  
Study, investigation, and discussion of selected advanced federal tax problems. Prerequisite: Accounting 112, or the permission of the instructor. Evening.

226 *Governmental Accounting and Budgeting Problems* (3) Lewis  
Advanced principles and practices in federal accounting relationship to general policy and administration. Prerequisite: Accounting 121 and 126, or permission of the instructor. (Not offered in 1951-52.)

262 *Advanced Auditing* (3)  
Preparation of an audit report, accounting statements to be filed with Securities and Exchange Commission, current developments of auditing standards and practice, internal auditing program. Prerequisite: Accounting 161 or permission of the instructor. (Not offered in 1951-52.)

282 *Advanced Accounting Theory* (3) Kennedy  
An intensive study of advanced accounting principles and concepts and of recent theories in connection with the valuation of assets and the determination of income. Prerequisite: eighteen hours of Accounting or permission of the instructor. Morning. (Also offered 1951 summer term as Accounting 281.)

295-96 *Seminar in Accounting* (3-3) Kennedy  
Study, investigation, and discussion of selected accounting research topics and problems; individual oral and written reports. Admission by permission of the instructor. Evening.

299-300 *Thesis* (3-3) The Staff  
Time to be arranged. (Also offered 1951 summer term.)



## ANATOMY

Warren Andrew, Ph.D., M.D., *Professor of Anatomy, Executive Officer*  
 Ross Clayton MacCardle, Ph.D., *Professorial Lecturer in Anatomy*  
 Webb Edward Haymaker, M.S., M.D., *Professorial Lecturer in Anat-*

*omy*  
 Ellsworth Chapman Alvord, Jr., B.S., M.D., *Professorial Lecturer in*  
*Anatomy*

Paul Calabrisi, A.M., *Associate Professor of Anatomy*  
 Ivor Cornman, Ph.D., *Assistant Research Professor of Anatomy*  
 Edgar Pleasant Jayne, Ph.D., *Assistant Professor of Anatomy*  
 Wilfred Walter Eastman, A.B., M.D., *Clinical Instructor in Anatomy*

*Master of Arts and Master of Science in the field of Anatomy (Columbia College).—Prerequisite: A Bachelor of Arts or Bachelor of Science degree, respectively, from this University, or the equivalent, with a major in Biology, Chemistry, or Zoology. The undergraduate program must include the following courses, or the equivalent: Chemistry—Chemistry 11-12, 21, 151-52; Physics—Physics 6 and 7; Zoology 1-2, 41-42. Biochemistry 221-22 is recommended as an elective.*

*Required: Thirty credit hours including Anatomy 103, 105, 106, 201-2, 295-96. It is not always possible to arrange courses and research so that the student can be assured of completing all the required work in one academic year. The thesis work may be selected from any of the general fields of Anatomy: Histology, Cytology, Neuroanatomy, Gross Anatomy, or Embryology.*

### 101-2 *Gross Anatomy*

Calabrisi and Staff

Regional dissection of the human body supplemented with lectures and quiz sections. Study of X-ray anatomy to emphasize the functional aspects of the position, shape, and relation of the viscera and skeletal components. Eighteen hours a week, fall term; nine hours a week, spring term.

### 103 *Human Embryology*

Andrew and Staff

The origin and development of the human body. Special emphasis on the value of embryology in interpreting anatomical anomalies and variations as seen in gross dissection, surgery, obstetrics, and pathology. Three hours a week.

### 105 *Neuro-anatomy*

Haymaker and Staff

The macroscopic and microscopic study of the central nervous system and the special sense organs. Emphasis on such dynamic aspects as development, pathways, lesions, etc. Six hours a week.

### 106 *Microscopic Anatomy*

Andrew and Staff

Study of the detailed minute structure of cells, tissues, and organs of the human body with emphasis on the relation of structure to function. Recognition and interpretation of histological sections tested by practical examinations. Six hours a week.

- 
- 201-2 *Seminar (1-1)* Andrew and Staff  
Reports and discussions of special topics by the Staff and graduate students. For graduate liberal arts students. Regular medical students are encouraged to attend. One hour a week.
- 295-96 *Research (arr.)* Andrew and Staff  
Hours, credits, and fees to be arranged.
- 299-300 *Thesis (3-3)* The Staff

## ANESTHESIOLOGY

Donald Harrison Stubbs, A.M., M.D., *Clinical Professor of Anesthesiology*  
Charles Seymour Coakley, M.D., *Associate Professor of Anesthesiology, Executive Officer*  
Seymour Alpert, A.B., M.D., *Assistant Professor of Anesthesiology*  
William Eldridge Bageant, M.D., *Clinical Instructor in Anesthesiology*  
Allen Widome, M.D., *Clinical Instructor in Anesthesiology*

### 320 *Anesthesiology*

Review of basic sciences and correlation between basic sciences and clinical work. One hour a week. The Staff

### 351-52 *Anesthesia Seminar*

Third-year students attend anesthesia seminars during their surgical clinical clerkships at the University Hospital. Two hours a week. The Staff

### 433-34 *Advanced Anesthesiology*

Fourth-year students are rotated through the work of the department for a period of one week for two students and assigned to work in operating rooms, conferences, and seminars. The Staff



## ART

Norris Ingersoll Crandall, M.Arch., *Professor of Art, Executive Officer*  
Donald Chenoweth Kline, B.Arch., *Associate Professor of Art*

### STAFF IN THE CORCORAN SCHOOL OF ART

DRAWING AND PAINTING: Richard Lahey, *Principal*, Eugen Weisz,  
Edmund Archer, Jessalee Sickman, Kenneth Stubbs, Omar Carrington

SCULPTURE AND CARVING: Heinz Warneke

COMMERCIAL ART: Joseph Ross, Leslie Mitchell, Jack McLeod

#### *Bachelor of Arts (Columbian College—Departmental):*

*The major in Art Appreciation.*—Prerequisite: the Arts and Letters curriculum in the Junior College, see page 56. Electives must include Art 11-12 and 71-72. Required: Art 101-2, 121-22, 141-42, 151-52, and 161-62.

*The major in Drawing and Painting.*—Prerequisite: the Arts and Letters curriculum in the Junior College, see page 56. Electives must include Art 11-12. Required: Art 121-22 and at least thirty credit hours of drawing and painting. Classes in drawing and painting are held at the Corcoran School of Art.

*Bachelor of Arts in Education with a teaching field in Art (School of Education).*—Prerequisite: the Education curriculum, page 58. Required: the Art option, pages 137-38, and professional courses listed on page 144.

### FIRST GROUP

11-12 *Art Appreciation (3-3)* Crandall

Meaning of art in historic periods. Criticisms of works from pre-historic times to present. Symbolology of lines, light values, color, composition, form. Morning and evening sections.

67-68 *Life and Portrait—Drawing and Painting (6-6)* Archer, Stubbs

Morning, afternoon, and evening sections.

71-72 *Introduction to the Arts in America (3-3)* Kline

Painting, sculpture, architecture, furniture, music, and folk arts. Morning, afternoon, and evening sections.

73-74 *Still Life and Portrait—Drawing and Painting; Antique Drawing (6-6)* Sickman, Carrington

Morning, afternoon, and evening sections.

### SECOND GROUP

101-2 *The Design of the Home (3-3)* Crandall

The home: history, personality, location, cost, financing, maintenance, structure, light, mechanical equipment, and color. 1951-52 and alternate years, morning. 1952-53 and alternate years, evening.

- 121-22 *World History of Art* (3-3) Kline  
The fine arts from ancient times to the present. Prerequisite: Art 11-12 or the equivalent. 1951-52 and alternate years, afternoon. 1952-53 and alternate years, evening.
- 131-32 *Greek and Roman Art and Archaeology* (3-3) Latimer  
History, development, significance of the arts of Greece and Rome, and their meaning for the world of today. Illustrated lectures combined with class discussions and reports. Evening.
- 141-42 *Interior Decoration* (3-3) Kline  
Practical problems in the selection and use of furniture, wall and floor coverings, draperies, and lighting. 1951-52 and alternate years, evening. 1952-53 and alternate years, afternoon.
- 143-44 *Folk Arts of America* (3-3) Kline  
Woodcarving, painting, ceramics, glass, furniture, and music. (Not offered in 1951-52.)
- 151-52 *Modern Art* (3-3) Crandall  
Neo-classicism, romanticism, impressionism, expressionism, cubism, and abstract works in terms of form and structure. Prerequisite: Art 11-12 or the equivalent. 1951-52 and alternate years, evening. 1952-53 and alternate years, morning.
- 161-62 *History of Art Criticism* (3-3) Crandall  
A survey of art criticism from ancient Greece to the present. Admission by permission of the instructor. Evening.
- 165-66 *Life and Portrait—Drawing and Painting* (6-6) Lahey, Weisz  
Morning, afternoon, and evening sections.
- 175-76 *Composition* (6-6) Weisz  
Design and pictorial organization; drawing and painting. Afternoon.
- 177 *Still Life and Landscape—Drawing and Painting* (3) Weisz  
Beginners may be admitted with the consent of the instructor. Summer term 1951.
- 179-80 *Sculpture* (6-6) Warneke  
Portrait-life modeling and composition in clay, plaster and wood carving. Afternoon and evening sections.
- 183-84 *Design and Commercial Art* (6-6) Ross, Mitchell, McLeod  
Prerequisite: One year (6 hours daily) in a professional art school or the equivalent, or by permission of the instructor. Morning, afternoon, and evening sections.
- 185-86 *Advanced Commercial Art* (arr.)  
(Not offered in 1951-52.)

## BACTERIOLOGY, HYGIENE, AND PREVENTIVE MEDICINE

Leland Wilbur Parr, Ph.D., *Professor of Bacteriology, Executive Officer*  
Angus MacIvor Griffin, Ph.D., *Professor of Bacteriology*  
Ralph Gregory Beachley, M.D., Dr.P.H., *Adjunct Professor of Public  
Health Practice*

Mary Louise Robbins, Ph.D., *Assistant Professor of Bacteriology*  
William Gray McCarten, M.S., *Instructor in Bacteriology*  
Lewis Walke McIlhany, M.S., M.D., *Clinical Instructor in Public  
Health Practice*

### SEMINAR LECTURERS

Charles Armstrong, B.S., M.D., Sc.D., *Professorial Lecturer in Pre-  
ventive Medicine*

Rolla Eugene Dyer, A.B., M.D., LL.D., *Professorial Lecturer in Pre-  
ventive Medicine*

Royd Ray Sayers, A.M., M.D., *Professorial Lecturer on Industrial  
Hygiene*

Sara Elizabeth Branham, Ph.D., M.D., Sc.D., *Professorial Lecturer in  
Preventive Medicine*

Chester Wilson Emmons, Ph.D., *Professorial Lecturer on Medical My-  
cology*

Willard Hull Wright, D.V.M., Ph.D., *Professorial Lecturer on Medical  
Zoology*

John Roderick Heller, Jr., B.S., M.D., *Professorial Lecturer on Venereal  
Disease Control*

Carl John Lauter, M.S., *Professorial Lecturer on Municipal Sanitation*

Robert Carter Cook, *Professorial Lecturer on Medical Genetics*

Robert Hanna Felix, M.D., M.P.H., *Professorial Lecturer on Mental  
Hygiene*

Carl Robert Brewer, Ph.D., *Professorial Lecturer on Microbial Phys-  
iology*

*Master of Arts and Master of Science in the field of Bacteriology (Columbia College).—Prerequisite: a Bachelor of Arts or a Bachelor of Science degree, respectively, from this University, or the equivalent, with a major in Biology, Botany, Chemistry, or Zoology. The undergraduate program must include the following courses or the equivalent: Chemistry 11-12, 21, 151-52; Physics 6, 7; Zoology 1-2, 41-42. Biochemistry 221-22 is recommended as an elective.*

*Required: thirty credit hours, including Bacteriology 209, 210, 293-94, 295-96, 299-300. The remaining courses are to be selected from Bacteriology 219-20, 221-22 (if not presented for admission), 229, 230, 232, and 240. The student with much bacteriological background may substitute for credit one course from the following: cytology, genetics, cell physiology, entomology, histology, biosta-*



tistica, and protozoa. It is not always possible to arrange courses and research so that the student can be assured of completing all required work in one academic year.

112 *General Bacteriology* (4)

Robbins

For nonmedical students. A study of the fundamentals of bacteriology, including hygienic applications. Methods of cultivation and control of several groups of micro-organisms are studied in the laboratory. Prerequisite: any biological laboratory science; Chemistry 151-52. Laboratory fee, \$9. Tues., Thurs., and Sat., 9:10 to 12:00 A.M.

209 *Medical Microbiology* (1-11)

Parr, Griffin

Bacteria, rickettsia, viruses, yeasts, molds, protozoa, and metazoa which relate to the health and diseases of man—cultural study of most important forms; methods of diagnosis by microscopic, cultural, immunologic, and animal reactions; theory and methods of immunology; vaccines; serums; antibiotics. Open to suitably prepared graduate students; may be elected as a whole or in part by adding the appropriate letter to the course number, with credit allocated as follows: (a) *Bacteriology*, including rickettsia and viruses (7); (b) *Parasitology*, including medical mycology (3); (c) *Immunology* (1). May be taken by a limited number of candidates for Master's degrees. Laboratory fee, \$1 a credit hour. (Minimum fee, \$3.) Time to be arranged.

210 *Fundamentals of Epidemiology and Public Health* (2)

Parr and Staff

Sources, modes, and implications of infection and injury. Open to liberal arts graduate students. Prerequisite: Bacteriology 112 or 209. Mon., 2:00 to 4:00 P.M.

219-20 *Advanced Microbiology* (arr.)

Griffin and Staff

Special study of advanced methods and current problems in microbiology for suitably qualified students specializing in microbiology. Prerequisite: Bacteriology 112 or 209; Chemistry 151-52 or the equivalent; permission of the instructor. Laboratory fee, \$3 a credit hour. Time and credits to be arranged.

229 *Virus Techniques* (3)

Robbins

Principal cultural and serological methods used in the study of viruses and rickettsia. For liberal arts graduate students. Prerequisite: Bacteriology 112 or 209 and permission of the instructor. Laboratory fee, \$10. 1952-53 and alternate years.

230 *Statistics in Microbiology* (3)

Griffin

The application of statistical methods to the problems of microbiology. For liberal arts graduate students. Prerequisite: entrance or elementary college algebra. 1951-52 and alternate years.

232 *Immunological Methods* (3)

Griffin

Preparation and testing of serological materials. Demonstration of basic serological phenomena. For liberal arts graduate students. Prerequisite: Bacteriology 112 or 209 and permission of the instructor. Laboratory fee, \$6. 1952-53 and alternate years.

- 240 *Advanced Epidemiology and Public Health* (3) Parr  
Conferences, readings, and problems for graduate students dealing with specialized and advanced phases of the topics presented in Bacteriology 210. Prerequisite: Bacteriology 210. 1951-52 and alternate years, time to be arranged.
- 293-94 *Staff Seminar* (1-1) The Staff  
For liberal arts graduate students. Bi-weekly throughout the year. Time to be arranged.
- 295-96 *Research in Bacteriology* (arr.) The Staff  
Time and credits to be arranged.
- 299-300 *Thesis* (3-3) The Staff
- 320 *Industrial Hygiene* Sayers  
Lecture course dealing with the basic principles of health maintenance and disease prevention as affected by industry. Two hours a week for three weeks.
- 340 *Health Resources Survey* Beachley and Staff  
A survey of complete medical care from first contact, through laboratory and clinical diagnosis, adequate medical or surgical treatment to full family and community rehabilitation. Case histories assigned junior students with the cooperation and assistance of the clinical departments. Comparison is to be made between care in near-ideal facilities and care in facilities where the student might begin his practice. One hour a week for three weeks and independent research.
- 402 *Public Health Practice* Beachley  
Study of public health practice at national, state, city, and county levels. Public and private agencies. One hour a week for eight weeks.

## BIOCHEMISTRY

Joseph Hiram Roe, Ph.D., *Professor of Biochemistry, Executive Officer*  
 William Henry Sebrell, Jr., M.D., *Professorial Lecturer on Nutrition*  
 George Washington Irving, Jr., Ph.D., *Professorial Lecturer on Proteins*  
 Bernard Leonard Horecker, Ph.D., *Professorial Lecturer on Enzymes*  
 Carleton Raymond Treadwell, Ph.D., *Associate Professor of Biochemistry*  
 Mary Mills Monier, Ph.D., *Assistant Professor of Biochemistry*  
 Benjamin Williams Smith, Ph.D., *Assistant Professor of Biochemistry*  
 Klaus Schwarz, M.D., *Associate in Biochemistry*

*Master of Arts and Master of Science in the field of Biochemistry (Columbia College).*—Prerequisite: a Bachelor of Arts or a Bachelor of Science degree. The undergraduate program must have included the following courses, or the equivalent: Chemistry 11-12, 21, 22, 151-52; Physics 6 and 7; Zoology 1-2 or Biology 1-2.

Required: thirty credit hours including Biochemistry 221-22, 225, 226, 227-28, 299-300. The remaining courses are to be selected from Biochemistry 231, 251, 261, 295-96, 404, or, with the approval of the adviser, from graduate courses in Bacteriology, Chemistry, Physiology, or Pharmacology. It is usually not possible to arrange courses and research so that the student can be assured of completing all of the required work in one academic year.

- |        |   |               |
|--------|---|---------------|
| 113-14 | <b>Biochemistry</b><br>Physiological and clinical chemistry for the first-year medical student. Two lectures and two three-hour laboratory periods a week.  | Roe and Staff |
| 221-22 | <b>Biochemistry (4-4)</b><br>A lecture and laboratory course for nonmedical students. Prerequisite: Chemistry 22 and 152. Material fee, \$12 a term. Tues. and Thurs., 9:00 to 12:00 A.M. and 1:00 to 2:00 P.M. | Treadwell     |
| 224    | <b>Biochemistry of the Enzymes (1)</b><br>Lecture course dealing with the biochemistry of the enzymes and enzyme reactions. Prerequisite: Biochemistry 113 or 221. Mon., 5:00 P.M.                              | Horecker      |
| 225    | <b>Biochemical Preparations (3)</b><br>For liberal arts graduate students. Material fee, \$12. Time to be arranged.   | The Staff     |
| 226    | <b>Biochemical Laboratory Methods (3)</b><br>For liberal arts graduate students. Material fee, \$12. Time to be arranged.   | The Staff     |
| 227-28 | <b>Biochemistry Seminar (1-1)</b><br>The current literature in the field of biochemistry, mainly for graduate students, but open to a limited number of specially qualified medical students. Fri., 4:00 P.M.   | Roe           |



- 231 *Proteins and Amino Acids* (1) Irving  
A lecture course for liberal arts graduate students. Prerequisite: Biochemistry 114 or 222. 1951-52 and alternate years, Mon., 5:00 P.M.
- 251 *Carbohydrate Metabolism* (1) Roe  
A lecture course. Prerequisite: Biochemistry 114 or 222. 1952-53 and alternate years, Sat., 9:00 A.M.
- 261 *Biochemistry of the Lipids* (1) Treadwell  
A lecture course. Prerequisite: Biochemistry 114 or 222. 1951-52 and alternate years, Sat., 9:00 A.M.
- 295-96 *Research in Biochemistry* (arr.) Roe, Treadwell  
Time and credits to be arranged.
- 299-300 *Thesis* (3-3) Roe, Treadwell
- 404 *Applied Nutrition* (1) Sebrell  
For senior medical students and graduate students. Lecture course upon dietary requirements, deficiency diseases, and therapeutic diets. Prerequisite: Biochemistry 113 or 221. Sat., 11:00 A.M.

## BIOLOGY \*

Paul William Bowman, Ph.D., *Professor of Biology, Executive Officer*  
 Sam Clark Munson, M.S., *Assistant Professor of Biology*  
 Robert Carter Cook, *Lecturer on Genetics*  
 Paul Louis Illg, A.M., *Lecturer in Biology*

*Bachelor of Arts and Bachelor of Science with a major in Biology (Columbia College—Field-of-Study)*.—Prerequisite: the Arts and Letters or the Science curriculum, respectively, in the Junior College, see pages 56-57. Required: the general requirements as stated on pages 71-74 and the grade of "pass" on the Biology major examination at the end of the senior year. The coordinated field of knowledge upon which the student will be examined includes the classification and life histories of plants and animals, ecology, geology, evolution, heredity, the physical and cultural development of man, public health problems, and the history of biology. The course offerings will be correlated and supplemented by supervised study in a proseminar. For further details, see the pamphlet, which is available at the Office of the Dean of Columbia College.

*Master of Arts and Master of Science in the field of Biology (Columbia College)*.—Prerequisite: a Bachelor of Arts or Bachelor of Science degree, respectively, with a major in Biology at this University, or the equivalent. Required: the general requirements as stated on pages 78-80.

*Bachelor of Arts in Education with a teaching field in Biology (School of Education)*.—Prerequisite: the Education curriculum, page 58. Required: the Biology option, page 138, and the professional courses listed on page 144.

### FIRST GROUP

#### 1-2 Survey in Biology (3-3)

Munson, Illg  
 Systematic study of the plant and animal kingdoms, with emphasis upon the interdependences of living things and their relations with their environments. Introduction to evolution, heredity, public health, and conservation. Material fee, \$5 a term. Lecture (1 hour)—afternoon and evening sections; laboratory (2 hours)—morning, afternoon, and evening sections; field trip to nearby countryside and to museums and other places of biological interest (3 hours)—morning and afternoon sections. (Also offered 1951 summer term.)

Biology 12—same as Biology 1, but offered spring term. Morning.

### SECOND GROUP

#### 115-16 Cytology (3-3)

Bowman  
 Study of plant and animal cells and their components, including the chromosomes and their role in heredity, with training in the preparation of materials for study. Prerequisite: one year of college work in biology, botany, or zoology. Material fee, \$6 a term. Lecture (1 hour)—evening; laboratory (4 hours)—afternoon and evening. (Also offered 1951 summer term—Biology 115 (3).)

\* See also departments of Botany and Zoology.

Biology 115x—same as Biology 115, but offered spring term. Lecture—evening; laboratory—afternoon and evening sections.

Biology 116x—same as Biology 116, but offered fall term. Lecture—evening; laboratory—afternoon and evening sections.

127-28 *Genetics* (3-3)

Cook

A lecture course in which the general principles are illustrated with specific examples of inheritance in plants and animals, including man. Prerequisite: one year of college work in biology, botany, or zoology. Evening.

139 *Cell Physiology* (3)

Yocum

The fundamental physiology of protoplasm. Prerequisite: Chemistry 12 and one year of college biology, botany, or zoology. Morning.

199-200 *Proseminar in Biology* (3-3)

Bowman

Individually planned and directed study by means of which majors in biology may correlate and supplement the subject matter presented in various regular courses. Time to be arranged.

THIRD GROUP

201-2 *Seminar: Cytology* (3-3)

Bowman

Time to be arranged. Evening.

211-12 *Research in Cytology* (arr.)

Bowman

Time and credits to be arranged. (Also offered 1951 summer term—Biology 211.)

299-300 *Thesis* (3-3)

Bowman

Time to be arranged. (Also offered 1951 summer term—Biology 299 (3).)



## BOTANY \*

Lawson Edwin Yocum, Ph.D., *Professor of Botany, Executive Officer*  
 William Webster Diehl, Ph.D., *Adjunct Professor of Mycology*  
 Lyman Bradford Smith, Ph.D., *Professorial Lecturer on Taxonomy*  
 John Edward Cantlon, Ph.D., *Assistant Professor of Botany*

*Bachelor of Arts and Bachelor of Science with a major in Botany (Columbia College—Departmental).*—Prerequisite: the Arts and Letters or the Science curriculum, respectively, in the Junior College, see pages 56–57. Required: in addition to the general requirements as stated on pages 71–74, a minimum of twenty-four credit hours in Botany beyond the introductory courses, with collaterals as recommended in conference.

*Master of Arts and Master of Science in the field of Botany (Columbia College).*—Prerequisite: the equivalent of a Bachelor of Arts or Bachelor of Science degree, respectively, from this University with a major in Botany. Required: the general requirements as stated on pages 78–80.

### FIRST GROUP

#### 1 *Structure and Functions of the Flowering Plant*† (3) Yocum, Cantlon

The typical plant as a working mechanism, with the emphasis on the general biological significance of plant physiology. Material fee, \$5. Lecture (2 hours); laboratory (2 hours)—morning, afternoon, and evening sections. (Also offered 1951 summer term.)

Botany ix—same as Botany 1, but offered spring term. Morning and afternoon sections.

#### 2 *Survey of the Plant Kingdom* (3) Yocum, Cantlon

Study of the different kinds of plants, with emphasis on the evolution of the plant kingdom; practice in identifying flowering plants. Material fee, \$5. Lecture (2 hours); laboratory (2 hours)—morning, afternoon, and evening sections. (Also offered 1951 summer term.)

### SECOND GROUP

#### 105 *Field Botany* (3) Cantlon

Field trips to neighboring localities of botanical interest, with classroom study. Prerequisite: Botany 1 and 2 or Biology 1–2. Lecture (2 hours); laboratory (4 hours); field trips (3 hours). 1951 and alternate summer terms.

#### 107 *Algae, Fungi, and Mosses* (3)

Field and laboratory study of the habitat, structure, and identification of representative local forms of algae, fungi, and mosses. Prerequisite: Botany 1 and 2 or Biology 1–2.

Summer term 1952.

\* See also the departments of Biology and Zoology.

† Before completing registration for Botany 1, each student must obtain from the representative of the Department an assignment to a laboratory section.

- 109 *Plant Morphology* (3)  
Survey of structure of root, stem, leaf, and flower of seed plants; followed by the application to several of the economically important families. Prerequisite: Botany 1 and 2 or Biology 1-2. Lecture (2 hours); laboratory (2 hours). 1952-53 and alternate years, morning.
- 116 *Plant Growth* (3) Yocum  
The functions of plants with special emphasis on the practical problems of growing and of caring for plants. Prerequisite: Botany 1 and 2 or Biology 1-2. Lecture (2 hours); laboratory (2 hours). 1952-53 and alternate years, morning.
- 118 *Physiology of Bacteria and Fungi* (3) Yocum  
Lectures, literature reviews, and laboratory studies of the physiology of bacteria and fungi. Prerequisite: Botany 1 and 2 or Biology 1-2. Summer term 1951.
- 125-26 *Plant Taxonomy* (3-3)  
A study of the characteristics, phylogeny, and economics of selected families of the flowering plants. Field collection and identification. Prerequisite: Botany 1 and 2 or Biology 1-2. Material fee, \$5. Lecture (1 hour); laboratory and field (4 hours). 1951-52 and alternate years. Evening.
- 131-32 *Mycology* (3-3) Diehl  
Lecture (1 hour); laboratory (4 hours). 1952-53 and alternate years, evening.
- 133-34 *Plant Pathology* (3-3) Diehl  
Material fee, \$6 a term. 1951-52 and alternate years, evening.
- 135-36 *Plant Physiology* (3-3) Yocum  
Fall term: mineral and water relations of plants; spring term: organic syntheses and growth. Prerequisite: Chemistry 11-12. Material fee, \$6 a term. 1951-52 and alternate years, evening.
- 138 *Growth Regulators* (3) Yocum  
Lectures, literature reviews, and laboratory studies of the physiology of growth regulators and their functions in plants and animals. Prerequisite: Botany 1 and 2 or Biology 1-2. Summer term 1952.
- 141-42 *Plant Ecology* (3-3) Cantlon  
Lecture (2 hours); laboratory (2 hours). 1952-53 and alternate years, evening.
- 143 *Introduction to Plant Geography* (3) Cantlon  
A study of the basic principles and methods of plant geography. Prerequisite: Botany 1 and 2 or Biology 1 and 2. 1951-52 and alternate years, evening.
- 144 *The Vegetation of North America* (3) Cantlon  
Lectures, seminars and laboratory on the characteristic vegetations of North America with emphasis on the United States. Prerequisite: Botany 1 and 2 or Biology 1 and 2. 1951-52 and alternate years, evenings.

## THIRD GROUP

- |         |  |           |
|---------|--|-----------|
| 221-22  | <i>Seminar: Taxonomy</i> (3-3)<br>(Not offered in 1951-52.)  | Smith     |
| 235-36  | <i>Seminar: Physiology</i> (3-3)<br>1952-53 and alternate years. Time to be arranged.              | Yocum     |
| 241-42  | <i>Seminar: Ecology</i> (3-3)<br>(Not offered in 1951-52.)   |           |
| 295-96  | <i>Research</i> (arr.)<br>Time, credits, and fees to be arranged. (Also offered 1951 summer term.) | The Staff |
| 299-300 | <i>Thesis</i> (3-3)<br>Time to be arranged. (Also offered 1951 summer term.)                       | The Staff |



## BUSINESS ADMINISTRATION

Richard Norman Owens, Ph.D., C.P.A., *Professor of Business Administration*

Harold Griffith Sutton, M.S., *Professor of Finance*

Arlin Rex Johnson, Ph.D., *Professorial Lecturer on Marketing*

James Carlton Dockeray, Ph.D., *Professorial Lecturer in Business Administration*

Montell Ernest Ogdon, Ph.D., *Professorial Lecturer in Business Administration*

Alfred Ernest Lampe, B.S., *Professorial Lecturer on Insurance*

John Robert Beishline, Ph.D., *Professorial Lecturer in Business Administration*

Joseph Leo Krieger, M.B.A., *Professorial Lecturer in Business Administration*

Joe Lee Jessup, M.B.A., *Associate Professor of Business Administration*

Merle Talmadge Welshans, A.M., *Assistant Professor of Business Administration, Acting Executive Officer*

Gordon Barnewall, M.B.A., *Assistant Professor of Business Administration*

Carl William Clewlow, A.B., *Lecturer in Business Administration*

\*Walter David Fackler, A.B., *Instructor in Business Administration*

*Bachelor of Arts in Government and Master of Arts in Government, with a major in Business Administration (School of Government).—For curricula see pages 153, 154-55, and 157-58, 159.*

*Bachelor of Science in Engineering with an option in Business Administration (School of Engineering).—See pages 116, 120-121.*

*Bachelor of Arts in Education with teaching fields in Business Education (School of Education).—Prerequisite: the Education curriculum page 58. Required: the Business Education option, pages 138-39, and the professional courses listed on page 144.*

### SECOND GROUP

- 101 *Business Organization and Combination* (3) Owens  
Simple and interrelated forms of business enterprise and their control by government. Morning and evening sections. (Also offered 1951 summer term.)

- 102 *Business Management* (3) Owens  
The management movement, organization of an enterprise, principles of management and their application to various departments of an enterprise. Morning and evening sections. (Also offered 1951 summer term.)

\* On leave of absence 1951-52.

- 105 *Personnel Management in Industry* (3) Owens  
Organization and work of the personnel department, human relations in business. Morning. (Also offered 1951 summer term.)
- 106 *Problems in Personnel Management* (3) Owens  
Principles of human relations illustrated by cases drawn from business and industry. Prerequisite: Business Administration 105. Morning.
- 109 *Office Management* (3) Clewlow  
Organization and layout of an office, use of office machines and appliances, planning and execution of work, supervision problems. Evening.  
Business Administration 109x—same as Business Administration 109, but offered spring term. Evening.
- 113 *Real Estate* (3) Welshans  
Fundamentals of real estate practice; leasing and property management; valuation, financing, and taxation. Evening.
- 116 *Urban Transportation* (3)  
Local transportation in economic development; regulation, finance, operation, and management of transit services; community planning for streets, highways, parking, and traffic control. (Not offered in 1951-52.)
- 121x *General Insurance* (3) Welshans  
A general course in underlying principles of property, life, marine, and casualty insurance, and the function of insurance in the economic life of a business or individual. Prerequisite: Economics 1-2. Morning.  
(Also offered 1951 summer term.)
- 123-24 *Property and Casualty Insurance* Lampe  
*I and II* (2-2)  
The principles and practices of property and casualty insurance with emphasis on the economics of insurance, types of carriers, contract provisions, agency and brokerage, and state regulation and supervision. Prerequisite: Business Administration 121. (Not offered in 1951-52.)
- 125-26 *Property and Casualty Insurance* Lampe  
*III and IV* (2-2)  
The principles and practices of Property and Casualty Insurance with emphasis on theory of probability, rates and rating, reserves, financial statements, and investments; loss adjustment and loss prevention. Prerequisite: Business Administration 123-24. Evening.
- 131 *Business Finance* (3) Welshans  
Basic principles involved in the financing of business enterprises. Prerequisite: Accounting 1-2. Morning. (Also offered 1951 summer term.)  
Business Administration 131x—same as Business Administration 131, but offered spring term. Evening.
- 136 *Commercial Credit* (3) Welshans  
Types and sources of credit information, credit relationships from the standpoint of the commercial bank and the commercial business enterprise. Prerequisite: Accounting 1-2. Morning.

- 138x Investment (3)** Welshans  
Analysis of factors of investment credit with application to different types of investments, proper selection of investments for various classes of investors, regulation. Prerequisite: Accounting 1-2. Morning.
- 141 Principles of Marketing (3)** \_\_\_\_\_  
A survey of marketing, giving particular attention to consumption, retailing, wholesaling, and sales management; the entire marketing structure and its relation to the total economy. Prerequisite: Economics 1-2. Evening. (Also offered 1951 summer term.)  
Business Administration 141x—same as Business Administration 141, but offered spring term. Morning.
- 142 Marketing Problems (3)** Barnewall  
Marketing principles applied to specific distribution policy and operating problems of retailers, wholesalers, and manufacturers handling consumer and industrial goods. Prerequisite: Business Administration 141. (Not offered in 1951-52.)
- 143x Marketing Research (3)** Barnewall  
Study of market research methods and techniques; sources of data; the use of market research in business operations. Morning. (Also offered 1951 summer term.)
- 145 Sales Management (3)** Barnewall  
Organization of the sales department, sales planning and forecasting, quotas, territories, performance standards, and analysis and control of distribution costs. Prerequisite: Business Administration 141. (Not offered in 1951-52.)
- 146 Sales Management Problems (3)** Jessup  
Problems of marketing executives with respect to planning sales programs, territories, and salesmen's quotas; selection, training, and supervision of sales force. Prerequisite: Business Administration 145. (Not offered in 1951-52.)
- 147 Advertising (3)** Barnewall  
Advertising as a function of marketing and merchandising; evaluation, purchase, criticism, and control of advertising; uses and limitations of advertising as a tool of management. Morning. (Also offered 1951 summer term.)
- 148 Wholesaling (3)**  
The wholesale function; organization and types; economics of wholesale authorities. (Not offered in 1951-52.)
- 150 Principles of Purchasing (3)** Barnewall  
Organization for purchasing, purchasing policies, market relationships, selection of merchandise, purchasing information and records. Evening.
- 151 Retailing (3)** Barnewall  
Principles and problems in retail merchandising, including markup, inventory valuation, and expense control; service and personnel problems. Evening.



- 158 *Traffic Management* (3) Ogdon  
Organization and records of traffic department, routing of shipments, services by carriers, rates and charges, relation of shipper to transportation agencies. (Not offered in 1951-52.)
- 175 *Introduction to Foreign Trade* (3) Ogdon  
Terminology, trade usages and practices, conditions essential to successful trading, economic bases of international trade, obstacles to trade, tariffs, impact of governmental controls on private trade. Prerequisite: Economics 1-2. Evening.
- 176 *Exporting and Importing* (3) Ogdon  
Policy and operating questions of foreign trade, financing and documentation of shipments. Prerequisite: Business Administration 175. Evening.
- 178 *Foreign Markets* (3)  
Pattern of world trade by countries and commodities, methods of preparing market surveys, selected regional market analyses. Prerequisite: Economics 1-2. (Not offered in 1951-52.)
- 191 *Business Reports and Analyses* (3) Dockeray  
Research in specific business problems and reports for management use. Open to seniors. Evening.  
Business Administration 191x—same as Business Administration 191, but offered spring term. Evening.
- 195 *Controllershship* (3) Jessup  
The duties, responsibilities, and place of the controller in a business organization; relations of controller to other departments and regulatory bodies; and the controller's relation to price setting and inventories, depreciation policies, internal auditing, expense control and budgeting, and financial reports to management, stockholders, and employees. Prerequisite: Accounting 1-2. Open to seniors. Morning. (Also offered 1951 summer term.)
- 198 *Problems in Business Management* (3) Jessup  
Principles and methods of management illustrated by cases drawn from business and industry. Prerequisite: Business Administration 102. Open to seniors. Evening. (Also offered 1951 summer term.)  
Business Administration 198x—same as Business Administration 198, but offered fall term. Morning.

## THIRD GROUP

- 231 *Corporate Financial Problems* (3) Welshans  
Financial practice in promotion, consolidation, and mergers; capital structure adjustments; and reorganization. Evening.
- 232 *Seminar in Business Finance* (3) Welshans  
Research in advanced financial problems. Evening. (Also offered 1951 summer term.)
- 241-42 *Seminar in Marketing* (3-3) Barnewall  
Research and reports on marketing problems. Evening.

- 286 *Management in the Armed Forces* (3) Beishline  
Special problems of military organization and management; applicability of business management techniques to the armed forces. Evening. (Also offered 1951 summer term.)  
Business Administration 286x—same as Business Administration 286, but offered fall term. Evening.
- 291-92 *Seminar in Business Management* (3-3) Owens  
Research on various phases of management, including business, industrial, and personnel management. Evening. (Also offered 1951 summer term—Business Administration 291 (3).)
- 293-94 *Business Research* (3-3) The Staff  
Time to be arranged.
- 295 *Controllershship in the Federal Service* (3) Krieger  
Function of the controller in federal agencies; special problems analyzed; controller function in government and business. Evening.  
Business Administration 295x—same as Business Administration 295, but offered spring term. Evening.
- 296 *Seminar in Controllershship* (3) Jessup  
Research on advanced problems of the controller, in all types of business organization and the Federal Government. Evening.
- 297-98 *Business Policy* (3-3) Jessup  
Problems of management are analyzed with the view of developing a practical solution; cases are used to show the problems of personnel in marketing, industrial management, finance, etc. Evening.
- 299-300 *Thesis* (3-3) The Staff  
Time to be arranged.

## CHEMISTRY

Colin Mackenzie Mackall, Ph.D., *Professor Emeritus of Chemistry in Residence*

Benjamin Douglass Van Evera, Ph.D., *Professor of Chemistry*

Samuel Nathaniel Wrenn, Ph.D., *Professor of Chemistry*

Charles Rudolph Naeser, Ph.D., *Professor of Chemistry, Executive Officer*

William Bultman Holton, Ph.D., *Professorial Lecturer in Chemistry*

Robert Corbin Vincent, Ph.D., *Associate Professor of Chemistry*

Reuben Esselstyn Wood, Ph.D., *Assistant Professor of Chemistry*

William Frederick Sager, Ph.D., *Assistant Professor of Chemistry*

Daniel Remsen Norton, Ph.D., *Assistant Professor of Chemistry*

James Willard Harkness, B.S., Ed.M., *Assistant Professor of Chemistry*

Gilbert Pierce Haight, Jr., Ph.D., *Assistant Professor of Chemistry*

John Farago, Ph.D., *Lecturer in Chemistry*

Theodore Peter Perros, M.S., *Instructor in Chemistry*

*Bachelor of Arts and Bachelor of Science with a major in Chemistry (Columbian College—Departmental).*—Prerequisite: the Arts and Letters or the Science curriculum, respectively, in the Junior College, see pages 56 and 57. The following first group courses must be included: Chemistry 11-12, 21, and 22; Mathematics 19 and 20; Physics 5, 6, 7, and 8.

Required: the general requirements, as stated on pages 71-74, including the following second group courses: Chemistry 111-12, 122, 151-52, and 135 or 155 (two credit hours). The work of the junior and senior years must be approved by the Department. The German language is strongly recommended for all majors, and both French and German are recommended for students planning to do graduate work.

*Master of Arts and Master of Science in the field of Chemistry (Columbian College).*—Prerequisite: the degree of Bachelor of Arts or Bachelor of Science, respectively, with a major in Chemistry from this University, or the equivalent. Required: the general requirements are stated on pages 78-80. The thirty hours of required work must include Chemistry 131-32, 193, 211-12, 251-52, 291-92, 299-300, and the program must include at least four credit hours of laboratory courses. On the basis of failure to pass qualifying examinations given during the first week of classes, a student may be excluded from these required courses and advised to review prerequisite courses. A reading knowledge examination in French or German (German preferred) must be passed before the second half of the work is started.

*Bachelor of Science in Engineering with an option in Chemistry (School of Engineering).*—See pages 116 and 120-21. The Chemistry courses required for this degree are the same as those required for the Bachelor of Science degree with major in Chemistry as itemized above.

*Bachelor of Arts in Education with a teaching field in Chemistry (School of Education).*—Prerequisite: the Education curriculum, page 58. Required: the Chemistry option, page 139, and the professional courses listed on page 144.



*Registration.*—Before completing registration each student must obtain from the representative of the Department an assignment to lecture, recitation, and laboratory sections.

## FIRST GROUP

†3-4 *Survey of Physical Sciences* (4-4) Haight

Survey of physical science. An introduction to the physical sciences including chemistry, physics, astronomy, and geology with emphasis on analysis of scientific method and its achievements rather than on the mechanics of science. A terminal course for non-science majors. Laboratory fee, \$9 a term. Lecture (3 hours); laboratory (3 hours)—morning and afternoon sections.

†11-12 *General Chemistry* (4-4) Van Evera, Harkness, Haight, Perros

Chemistry 11-12 is an elementary course in general chemistry. Prerequisite: one year of high school algebra. Laboratory fee, \$15 a term. Lecture (2 hours); laboratory (4 hours); recitation (1 hour)—morning, afternoon, and evening sections. (Also offered 1951 summer term.)

Chemistry 11x—same as Chemistry 11, but offered spring term. Morning, afternoon, and evening sections.

Chemistry 12x—same as Chemistry 12, but offered fall term. Afternoon and evening sections.

21 *Qualitative Inorganic Analysis* (4) Vincent

Theoretical and practical study of methods of separating and identifying the more common cations and anions using semi-micro techniques. Prerequisite: Chemistry 12. Laboratory fee, \$15. Lecture (2 hours); laboratory (6 hours)—morning, afternoon, and evening sections. (Also offered 1951 summer term.)

Chemistry 21x—same as Chemistry 21, but offered spring term. Afternoon and evening sections.

22 *Quantitative Inorganic Analysis I* (4) Norton

Theory and practice of quantitative analysis by typical volumetric and gravimetric procedures. Prerequisite: Chemistry 21. Laboratory fee, \$15. Lecture (2 hours)—morning and evening sections; laboratory (6 hours)—morning, afternoon, and evening sections. (Also offered 1951 summer term.)

## SECOND GROUP

†111-12 *Physical Chemistry* (5-5) Wood

Introduction to physical chemistry. Prerequisite: Chemistry 22 and 152; Mathematics 20; Physics 8. Laboratory fee, \$15 a term. Lecture (3 hours)—morning and evening sections; laboratory (6 hours)—afternoon, evening, and Saturday sections.

122x *Quantitative Inorganic Analysis II* (4) Norton

A continuation of Chemistry 22 including the theory and practice of organic reagents, electrochemistry, and colorimetry in the analysis of more complex materials. Prerequisite: Chemistry 22. Laboratory fee, \$15. Lecture (2 hours)—morning and evening sections; laboratory (6 hours)—afternoon and evening sections.

- †131-32 *Inorganic Chemistry (2-2)* Naeser  
Application of modern chemical theories to inorganic substances and reactions; detailed study, developed from the periodic table, of the descriptive chemistry of the more common elements. Prerequisite: Chemistry 152. Prerequisite or concurrent registration: Chemistry 111-12. 1951-52 and alternate years, evening. 1952-53 and alternate years, morning.
- 135-36 *Inorganic Chemistry: Preparations (2-2)* Naeser  
Application of the technique of inorganic chemistry to the preparation and purification of a list of selected substances. Prerequisite: Chemistry 152. Prerequisite or concurrent registration: Chemistry 111-12. Laboratory fee, \$15 a term. Laboratory (6 hours), evening. Chemistry 135x—same as Chemistry 135, but offered spring term. Evening.
- †151-52 *Organic Chemistry (4-4)* Mackall, Sager  
Chemistry of the compounds of carbon. Credit is not given for Chemistry 151 until Chemistry 152 is completed. Prerequisite: Chemistry 21. Chemistry 151.—Laboratory fee, \$9. Lecture (3 hours)—morning and evening sections; laboratory (3 hours)—afternoon and evening sections. Chemistry 152.—Laboratory fee, \$15. Lecture (2 hours)—morning and evening sections; laboratory (6 hours)—afternoon and evening sections. (Also offered 1951 summer term.)
- 155 *Organic Chemistry: Preparations (2 or 3)* Wrenn  
The synthesis of organic compounds and the application of the technique of organic chemistry to the preparation of pure compounds, using larger amounts and greater refinements than in Chemistry 151-52. Prerequisite: Chemistry 22 and 152. Laboratory fee, \$9 a credit hour. Time to be arranged. Chemistry 155x—same as Chemistry 155, but offered spring term. Time to be arranged.
- 156 *Qualitative Organic Analysis (3)* Wrenn  
The identification of pure organic compounds, the separation of mixtures, and the identification of their components. Required of all students planning thesis work in the field of Organic Chemistry. Prerequisite: Chemistry 22 and 155. Laboratory fee, \$15. Lecture (1 hour), laboratory (6 hours)—time to be arranged.
- 191x *History of Chemistry (2)* Mackall  
The development of chemistry, and the biographies of eminent contributors to the science. Prerequisite: Chemistry 22 and 152. Evening.
- 193 *Chemical Literature (1)* Wrenn  
A general course in chemical literature with reference work and reports. Prerequisite: Chemistry 22 and 152; prerequisite or concurrent registration: Chemistry 111-12. Evening.

## THIRD GROUP

- 203 *Chemical Kinetics (2)* Wood  
The rates of chemical reactions and the factors influencing them. Prerequisite: Chemistry 112. 1951-52 and alternate years, evening.

- 211-12 *Advanced Physical Chemistry* (2-2) Sager  
Development of the principles of thermodynamics and kinetic theory and their application to chemical problems. Prerequisite: Chemistry 112. Evening.
- 216 *Statistical Mechanics* (3) Sager  
An introduction to classical and quantum statistics designed to acquaint the student with the basic principles and application of the method. Prerequisite or concurrent registration: Chemistry 212, or permission of instructor. (Not offered in 1951-52.)
- 221-22 *Advanced Analytical Chemistry* (2 or 3) Norton  
A study of the theory and application of chemical and physico-chemical methods of analysis. Prerequisite: Chemistry 22 and 122. The lectures may be taken for 2 credits a term without the laboratory work. Laboratory fee, \$9 a term. Lecture (2 hours)—evening; laboratory (3 hours—optional)—time to be arranged.
- 226 *Quantitative Organic Analysis* (3) Vincent  
Micro and semi-micro procedures. Prerequisite: Chemistry 152 and 152; permission of the instructor. Laboratory fee, \$15. Time to be arranged.
- †231-32 *Special Topics in Inorganic Chemistry: the Chemistry of the Less Familiar Elements* (2-2) Holton  
Prerequisite: Chemistry 132 and 152. 1952-53 and alternate years, evening.
- 233-34 *Radiochemistry* (2-2)  
The preparation, properties, and uses of radioactive isotopes, both natural and artificial. Prerequisite: Chemistry 131-32. (Not offered in 1951-52.)
- 251-52 *Advanced Organic Chemistry* (3-3) Wrenn  
The syntheses, reactions, and properties of carbon compounds; the fundamental theories of organic chemistry. Prerequisite: Chemistry 152; prerequisite or concurrent registration: Chemistry 111-12 and 193. Evening.
- 253 *Advanced Synthetic Organic Chemistry* (3) Wrenn  
A critical study of the reactions employed in the synthesis of organic compounds. Prerequisite: Chemistry 251. Time to be arranged.
- 257x *Theoretical Organic Chemistry* (3) Sager  
Prerequisite: Chemistry 252. A survey of modern theories of organic chemistry with emphasis on reaction mechanisms. 1951-52 and alternate years, evening.
- 258 *Special Topics in Organic Chemistry* (2) Farago  
Prerequisite: Chemistry 251-52. (Not offered in 1951-52.)
- 291-92 *Seminar: Recent Developments in Chemistry* (1-1) The Staff  
Individual investigations of special problems. All students registered for a Master's degree in Chemistry are expected to attend this seminar



during residence for the degree, and to take part in its programs. Credit for participation in the seminar work may be obtained by registering for this course during the last two terms of residence; this credit, however, is based upon the seminar work during the entire period of residence. Alternate weeks, evening.

295-96 *Research* (arr.)

The Staff

Research on problems approved by the Staff. Open to qualified students with advanced training. Laboratory fee, \$6 a credit hour. Time and credits to be arranged. (Also offered 1951 summer term.)

299-300 *Thesis* (3-3)

The Staff

Laboratory fee, \$15 a term. Time to be arranged. (Also offered 1951 summer term.)

## CIVIL ENGINEERING

- Carl Hugo Walther, B.E., M.C.E., *Professor of Civil Engineering*  
 Bruce Douglas Greenshields, C.E., Ph.D., *Professor of Civil Engineering, Executive Officer*  
 Waldo Edward Smith, B.E., M.S. in C.E., *Professorial Lecturer in Civil Engineering*  
 Raymond Pugh Eyman, C.E., *Associate Professor of Civil Engineering*  
 James Joseph Kerley, Jr., A.B. in C.E., *Assistant Professor of Civil Engineering*  
 Haaren Albert Miklofsky, B.C.E., M.Eng., D.Eng., *Assistant Professor of Civil Engineering*  
 Alvin Raymond Schwab, B.S., M.S. in Eng., *Lecturer in Civil Engineering*  
 Frank Spaulding Borden, B.C.E., *Lecturer in Civil Engineering*  
 Elmer Wallace Teagarden, B.S. in E.E., *Lecturer in Civil Engineering*  
 Vincent Harry Hennessy, B.C.E., *Associate in Civil Engineering*

*Bachelor of Civil Engineering (School of Engineering).*—See pages 116–17 for statement of requirements.

*Civil Engineer (School of Engineering).*—See page 121 for statement of requirements.

### FIRST GROUP

- 2 *Plane Surveying* (3) Eyman and Staff  
 Principles, methods, and instruments used in surveying; with field work. Prerequisite: Trigonometry. Surveying fee, \$12. Lecture (2 hours)—morning and evening sections; field work (3 hours)—morning and afternoon sections.
- 15 *Navigation* (3) Eyman  
 Principles, methods, and instruments used in surface and aerial navigation. Charts, piloting, dead-reckoning, nautical astronomy, position determination. Prerequisite: Trigonometry. Evening.
- 21 *Analytical Mechanics: Statics* (2) Greenshields and Staff  
 Composition and resolution of forces; axial stresses; centroids; friction. Prerequisite: Physics 6; prerequisite or concurrent registration; Mathematics 20. Morning and evening sections.
- 22 *Analytical Mechanics: Dynamics* (3) Greenshields and Staff  
 Kinematics of a particle; kinetics of a body in translation, rotation, and plane motion; work and energy; impulse and momentum; simple vibrations. Prerequisite: Civil Engineering 21. Morning and evening sections.

- 23 *Higher Surveying* (4) Eyman  
Elements of geodesy, triangulation, topography, hydrography, and precise and trigonometric leveling, with field work. Prerequisite: Civil Engineering 2. Surveying fee, \$12. Lecture (3 hours), field work (3 hours). 1951-52 and alternate years: lecture—evening; field work—Saturday morning. 1952-53 and alternate years, morning.
- 24 *Elementary Photogrammetry* (3) \_\_\_\_\_  
History and development of photogrammetry; fundamental principles, methods, and instruments used in photographic surveying and production of maps; photographic interpretation; principles of stereoscopy. Laboratory work with photographs and instruments in determination of scale, tilt, relief, and map plotting. Prerequisite: Civil Engineering 23; Physics 6. Laboratory fee, \$3. Evening.
- 25-26 *Engineering Materials* (2-2) The Staff  
Emphasis on properties and uses of nonmetallic materials such as cements, fuels, and plastics; and metallic materials including steel, copper, aluminum, and alloys. Prerequisite or concurrent registration: Chemistry 12. Morning and evening sections.

## SECOND GROUP

- 123 *Strength of Materials* (3) The Staff  
Tension, compression, shear, flexure, and torsion; deflection; combined and working stresses. Prerequisite: Civil Engineering 22. Morning and evening sections.
- 136 *Hydraulics* (3) Kerley, Smith  
Hydrostatics: flow through pipes and open channels; laminar and turbulent flow. Prerequisite: Civil Engineering 22. Morning and evening sections.
- 140 *Materials and Hydraulics* Kerley, Hennessy  
*Laboratory* (2)  
Determination of the properties of materials by mechanical tests, and a study of the flow of fluids. Prerequisite: Civil Engineering 123; prerequisite or concurrent registration: Civil Engineering 26 and 136. Laboratory fee, \$9. Laboratory (3 hours)—afternoon and evening sections.  
Civil Engineering 140x—same as Civil Engineering 140, but offered fall term. Afternoon and evening sections.
- 141 *Graphic Statics* (3) Miklofsky, Schwab  
Fundamental principles; analyses of beams; determination of stresses in roof trusses and framed bents. Prerequisite or concurrent registration: Civil Engineering 123. Drafting-room fee, \$2. Lecture (2 hours)—morning and evening sections; drafting room (3 hours)—afternoon and evening sections.
- 142 *Bridge Stresses* (3) Miklofsky, Schwab  
Determination of stresses in modern types of bridge trusses. Prerequisite: Civil Engineering 141. Drafting-room fee, \$2. Lecture (2



hours)—morning and evening\* sections; drafting room (3 hours)—afternoon and evening\* sections.

- 147-48 *Structural Design* (2-2) Walther, Miklofsky  
Computations and drawings for the design of steel structures. Prerequisite: Civil Engineering 142. Drafting-room fee, \$5 a term. Drafting room (6 hours)—afternoon and evening\* sections.
- 149-50 *Concrete and Masonry Construction*† (3-3) Miklofsky  
Plain concrete, general properties and theory of reinforced concrete, foundations, and retaining walls. Prerequisite: Civil Engineering 25 and 123. Civil Engineering 149, laboratory fee, \$9; Civil Engineering 150, drafting-room fee, \$2. Lecture (2 hours)—morning; laboratory (3 hours)—afternoon.
- 151-52 *Statically Indeterminate Structures*‡ (2-2) Walther  
A study of such structures as continuous spans, rigid frames, and arches by methods of work, slope deflection, and moment distribution. Prerequisite: Civil Engineering 142. Morning.
- 154 *Advanced Mechanics of Materials* (3)  
Advanced topics in the mechanics of materials. Stresses at a point, thick cylinders, general bending, torsion, localized stress, and stress concentration. Prerequisite: Civil Engineering 25-26 and 123. 1952-53 and alternate years, evening.
- 164 *Highway Engineering*‡ (3) Greenshields  
Highway economics, location, construction, and maintenance. Prerequisite: Civil Engineering 25 and 171. Morning.
- 171 *Route Surveying*‡ (3) Eyman  
Curves and earthwork, and methods of location as used on railroads and highways; field work; complete highway location. Prerequisite: Civil Engineering 2. Surveying fee, \$12. Lecture (2 hours)—morning; field work (3 hours)—afternoon.
- 181-82 *Water Supply and Sewerage* (3-3) Kerley  
Collection, storage, purification, and distribution of water; sewerage systems and treatment of sewage. Prerequisite: Civil Engineering 136; Chemistry 12. 1951-52 and alternate years, evening. 1952-53 and alternate years, morning.
- 187-88 *Engineering Contracts and Specifications* Teagarden  
(2-2)  
Contract essentials, types, and legal principles; analysis and preparation of specifications. Prerequisite or concurrent registration: Civil Engineering 25-26. Evening.
- 189-90 *Civil Engineering Proseminar* (1-1) Greenshields  
Evening.

\* Evening section to be offered in 1951-53 and alternate years.

‡ Evening section to be offered in 1951-53.

## CLASSICAL LANGUAGES AND LITERATURES

John Francis Latimer, Ph.D., *Associate Professor of Classical Languages and Literatures, Executive Officer*

The Department of Classical Languages and Literatures offers two types of courses: (1) those which illustrate the literary, linguistic, and cultural backgrounds of Western Civilization, and for which no knowledge of the ancient languages is required. These courses are designed to supplement and strengthen the broad general backgrounds of students who plan to concentrate in the fields of English or other literatures, History, Art, Drama, or Philosophy, or of those who wish to increase their general knowledge and appreciation of the bases of the great humanistic traditions as part of a well-rounded education. (2) Two years of Latin are offered for those who wish to fulfill the language requirements of the Junior College as set forth on page 55.

### COURSES IN ENGLISH TRANSLATION

#### FIRST GROUP

- 71-72 *Greek and Roman Backgrounds in Literature* Latimer  
(3-3)  
Selected Greek and Roman masterpieces and their literary influence. Morning.

#### SECOND GROUP

- 109 *Greek and Latin in Current English* (3) Latimer  
Derivation, meaning, and use of all varieties of current English words stemming from Latin and Greek. Principles of vocabulary building. Scientific and technical terms included as needs of the class indicate. Morning.
- 110 *Greek and Roman Selected Plays* (3) Latimer  
Morning.

### LANGUAGE COURSES

#### FIRST GROUP

- †1-2 *First-year Latin* (3-3) Latimer  
Functional presentation of the essentials of the language, with appropriate reading selections. Development of English derivatives, and introduction to Roman life and literature. Morning.
- †3-4 *Second-year Latin* (3-3) Latimer  
A continuation of the preceding course, but with increased emphasis on reading Latin selections which illustrate Roman life and literature. Continuation of vocabulary building in English. Prerequisites: Latin 1-2 or two years of high school Latin. Morning.

---

### RELATED COURSE IN ANOTHER DEPARTMENT

Art 121-22, *Greek and Roman Art and Archaeology*

## DERMATOLOGY AND SYPHILOLOGY

Harry Ford Anderson, M.D., *Professor of Dermatology and Syphilology, Executive Officer*

George William Creswell, A.B., M.D., *Assistant Clinical Professor of Dermatology and Syphilology*

Hayden Kirby-Smith, B.S., M.D., *Assistant Clinical Professor of Dermatology and Syphilology*

Theodore Claremont Chen Fong, M.D., *Associate in Dermatology and Syphilology*

James Quincy Gant, Jr., M.S., M.D., *Associate in Dermatology and Syphilology*

Wendell Melvin Willett, M.D., *Associate in Dermatology and Syphilology*

Reuben Goodman, M.D., *Clinical Instructor in Dermatology and Syphilology*

313-14 *Dermatology and Syphilology* The Staff  
Lectures on diseases of the skin and syphilis. One hour a week.

316 *Neurosyphilis* Fong  
Lectures, clinical demonstrations, and practical diagnostic and therapeutic procedures. One hour a week for eight weeks.

317-18 *Clinic* The Staff  
Case demonstrations, diagnosis, and treatment of skin diseases and syphilis. Three hours a week. Gallinger Hospital.

407-8 *Clinic* The Staff  
Dermatology and syphilology in infants and children. Childrens Hospital. Two hours a week.

409-10 *Clinic* The Staff  
Clinical demonstration, diseases of the skin. Two hours a week. Emergency Hospital.

411-12 *Clinic* The Staff  
Clinical demonstrations, diseases of the skin, and diagnosis and therapy of syphilis. Two hours a week. University Hospital.



## ECONOMICS

Arthur Edward Burns, Ph.D., *Professor of Economics*  
 Donald Stevenson Watson, Ph.D., *Professor of Economics, Executive Officer*  
 James Christopher Corliss, A.M., *Adjunct Professor of Inter-American Economics*  
 Gerhard Colm, Dr. rer. pol., *Professorial Lecturer in Economics*  
 Ralph Aubrey Young, M.B.A., Ph.D., *Professorial Lecturer in Economics*  
 Jacques Jacobus Polak, Ph.D., *Professorial Lecturer in Economics*  
 Edward Campion Acheson, Ph.D., *Associate Professor of Finance*  
 Paul Edward Hanchett, Ph.D., *Assistant Professor of Economics*  
 Albert Raymond Miller, Jr., A.M., *Assistant Professor of Economics*  
 George Jaszi, Ph.D., *Lecturer in Economics*  
 Wilson Emerson Schmidt, A.M., *Instructor in Economics*

*Bachelor of Arts with a major in Economics (Columbian College—Departmental).*—Prerequisite: the Arts and Letters curriculum in the Junior College, including Economics 1-2 and Statistics 51, see page 56. Required: (1) Economics 101 and three additional credit hours in economic theory (courses numbered 100-109); (2) six credit hours in each of three of the five following groups: finance (courses numbered 120-29), labor (courses numbered 140-49), government and economic policy (courses numbered 160-69), public utilities and transportation (courses numbered 170-79), and international economics (courses numbered 180-92); (3) Statistics 111-12, and nine credit hours of other second-group courses selected from the following departments—Accounting, Business Administration, History, Philosophy, Political Science, Sociology, and Statistics.

*Bachelor of Arts with a major in Latin American Civilization and Culture (Columbian College—Field-of-Study).*—Prerequisite: the Arts and Letters curriculum in the Junior College, see page 56. Required: the general requirements stated on pages 71-74, and the grade of "pass" on the Latin American Civilization and Culture major examination at the end of the senior year. The coordinated field of knowledge upon which the student will be examined includes the political and social history, the economic development, the governmental structure and international relations, the principal literary works and writers, and a reasonable acquaintance with the spoken language of the Latin American republics. The Department of Economics provides a proseminar (Economics 193-94) intended to assist the student in preparing himself for the major examination. For further details, see the pamphlet, which is available in the Office of the Dean of Columbian College.

*Master of Arts in the field of Economics (Columbian College).*—Prerequisite: the degree of Bachelor of Arts with a major in Economics at this University, or the equivalent. Required: the general requirements for the degree are stated on pages 78-80. The thirty hours of required work must include Economics 201-2, and a minimum of six credit hours chosen from Economics courses numbered from 203 to 218.

*Bachelor of Science in Engineering with an option in Economics (School of Engineering).*—See pages 116 and 120-21.

For information concerning *Bachelor of Arts* and *Master of Arts* curricula in the *School of Government* with courses in *Economics*, see pages 153-160.

## FIRST GROUP

- 1-2 *Introductory Economics\** (3-3) The Staff  
Survey of the major economic institutions and economic problems in contemporary society. Economics 1 is prerequisite to Economics 2. Morning and evening sections. (Also offered 1951 summer term.)  
Economics 1x—same as Economics 1, but offered spring term. Morning and evening sections.  
Economics 2x—same as Economics 2, but offered fall term. Morning and evening sections.

## SECOND GROUP\*

- 101 *Economic Theory* (3) Watson, Hanchett  
Introduction to formal economic theory; advanced analysis of demand, supply, and price relations. Morning and evening sections. (Also offered 1951 summer term.)  
Economics 101x—same as Economics 101, but offered spring term. Morning and evening sections.
- 102 *History of Economic Thought* (3) Miller  
Economic doctrines since the mercantilist writers; the history of the major schools of thought; influence of changing problems on theory. Evening.
- 105 *Business Cycles* (3) Miller  
Analysis of strategic factors in economic instability and economic retardation; survey of recent business-cycle theories. Morning.
- 108 *The National Income* (3) Miller  
The measurement, composition, and determinants of the national income. Morning.
- 109 *Distribution Theory and Welfare Economics* (3)  
Advanced economic theory with emphasis on income distribution and the literature on welfare economics. Prerequisite: Economics 101 or the equivalent.  
Summer term 1951.
- 121 *Money and Banking* (3) Acheson  
Theory of money, credit, and banking; commercial banking and the Federal Reserve System; other financial institutions; international aspects of money; current financial problems. Morning and evening sections. (Also offered 1951 summer term.)  
Economics 121x—same as Economics 121, but offered spring term. Evening.
- 122 *The Supply and Control of Money* (3) Acheson  
Factors determining the effect of bank policy and government finance on the volume of purchasing power and level of prices; historical

\* Economics 1-2 is prerequisite to all other courses in economics.

- development; current practice and problems. Prerequisite: Economics 121. Morning.
- 123 *Monetary Theory* (3) Acheson  
Principal contemporary theories; background of recent monetary policy. Prerequisite: Economics 121. 1951-52 and alternate years, evening.
- 126 *Foreign Exchange and International Finance* (3) Acheson  
Theory and practice of foreign exchanges; the gold standard and international finance during the nineteenth century; war and postwar exchange problems. Prerequisite: Economics 121. Evening.
- 141 *Labor Economics* (3) Miller  
Labor problems: wages, hours, and working conditions; growth of labor organizations; types of unions; union tactics and programs. Morning.
- 142 *Government and Labor Problems* (3) Miller  
Labor legislation; labor and the courts; federal regulation of capital-labor relations; the work of federal labor boards. Morning.
- 144 *Labor Movements* (3)  
Survey of growth and types of labor unions, development and problems of collective bargaining. (Not offered in 1951-52.)
- 146 *Economic Security and Social Insurance* (3) Miller  
Economic and social problems of unemployment; analysis of the federal social security program; survey of the Beveridge and other plans. Summer term 1951.
- 161-62 *Public Finance and Taxation* (3-3) Hanchett  
General survey of government expenditures, sources and methods of taxation, economic effects of expenditures and taxes, and of government debt policies. Evening.
- 165 *Government Control of Economic Activity* (3) Watson  
Changing role of government in promoting and regulating economic activity; types and spheres of control. Morning.
- 166 *Comparative Systems of Economic Reform* (3) Watson  
Critical analysis of the major theories of economic and social reform, with special attention to their origins and backgrounds. Summer term 1951.
- 167 *Economics of Planning* (3) Watson  
Analytical comparison of economic systems coordinated by market price with those coordinated by central authority.
- 172 *Public Utilities* (3)  
The economics of public utilities with emphasis on regulation, valuation, and rate-making. Evening.



- 175 *Railroad Transportation* (3) Kennedy  
Railroad history, organization, rate-making theory and practice, with emphasis on the work of the Interstate Commerce Commission. Morning.
- 176 *Motor, Air, and Water Transportation* (3) Kennedy  
History, organization, competition, rates, and regulation of motor, air, and water carriers; coordination of transportation. Morning.
- 181-82 *International Economics* (3-3) Schmidt  
Survey of world economics; theories of international trade; analysis of international economic problems; the international organizations. Afternoon and evening sections. (Also offered 1951 summer term.)
- 183 *Tariffs and Commercial Treaties* (3) Schmidt  
Origins and types of modern foreign commercial policy, in the light of evolving doctrines; forms and economic effects of tariffs and other measures, and of international commercial accords. Evening.
- 184 *The New Foreign Economic Policies* (3) Schmidt  
The new types of foreign trade and exchange controls and agreements; causes, growth, and techniques. Evening.
- 185-86 *Economic History and Problems of South America* (3-3) Corliss  
Economic development of South America (excluding Colombia and Venezuela). Particular emphasis on economic developments and problems since the First World War. 1952-53 and alternate years, evening.
- 187-88 *Economic History and Problems of the Caribbean Area* (3-3) Corliss  
Economic developments of Colombia, Venezuela, Mexico, and the Central American and West Indian republics. Particular emphasis on economic developments and problems since the First World War. 1951-52 and alternate years, evening.
- 191 *United States Foreign Economic Policy Since 1934* (3) Schmidt  
The Reciprocal Trade Agreements program; monetary agreements; the economic aspects of lend-lease, the Marshall Plan, and other foreign aid programs; the United States and the international organizations. Summer term 1951.
- 193-94 *Proseminar in Latin American Civilization and Culture* (3-3) Corliss  
Coordination and review course. Open only to students majoring in Latin American Civilization and Culture. (Not offered in 1951-52.)
- 198 *Readings in Economics* (3) Burns, Watson  
Comprehensive survey of economics. Open only to students whose major is economics and who are in their last term. Time to be arranged.  
Economics 198x—same as Economics 198, but offered fall term. Time to be arranged.

## THIRD GROUP

- 201-2 *History and Literature of Economic Thought* Burns  
(3-3)  
Critical analysis and interpretation of the development and the literature of economic thought; origins and problems of the major types of theory; their relation to present problems and policies. Evening.
- 203 *Partial Equilibrium Theory* (3) Watson  
The contributions of Marshall, Chamberlin, and Robinson. Evening.
- 204 *Contemporary Economic Theory* (3) Watson  
Intensive analysis of Hicks' *Value and Capital*. Prerequisite: Economics 201-2. Evening.
- 205x *Business Cycle Theory* (3) Polak  
The contributions of the pre-Keynesian writers. Evening. (Also offered 1951 summer term.)
- 206 *Theory of Employment and Income* (3) Miller  
Analysis of several types of current business-cycle theories; recent works of Keynes and others. Evening.
- 208 *The National Income* (3) Jaszi  
The theory of economic aggregates; policy aspects of national income. Evening.
- 209 *Readings in the History of Economic Thought* (3) Burns  
Research in special problems in the history of economics. Prerequisite: Economics 201-2. Evening.
- 210 *Methodology in Economics* (3) Burns  
The nature of economic theory; relations of economics to philosophy and other disciplines. (Not offered in 1951-52.)
- 211 *Readings in Advanced Economics* (3) The Staff  
Integration and coordination of advanced economic theories. Evening.
- 213 *Economic Thought in the Twentieth Century* Burns  
(3)  
Continuation of Economics 201-2. The writings of the principal economists since Marshall. Summer term 1951.
- 214 *Quantitative Economics* (3) Hanchett  
Introduction to mathematical economic theories. (Not offered in 1951-52.)
- 218 *Economic Analysis and Accounting Concepts* (3)  
The use of accounting concepts in the economic analysis of the business enterprise, of the national income, of international economic relations. Summer term 1951.

- 223 *Monetary Policy and Problems* (3) Young  
The money system in its relation to national income and to the national debt. Policy issues. Evening.
- 224 *Central Banking* (3) Young  
The Federal Reserve and other central banking systems. Evening.
- 225 *Economic Stabilization Policies* (3) Polak  
Appraisal of economic policies directed towards the stabilization of the economy, with special attention to the problem of full employment. Evening.
- 241 *Labor Economics* (3) Miller  
Analysis of labor problems, with special reference to labor organizations; intensive study of federal regulation and participation in capital-labor relations. Evening.
- 244 *Labor Relations* (3)  
The collective bargaining contract and the elements comprising it; analysis of the policies of labor and of management. (Not offered in 1951-52.)
- 260 *Theory of Public Finance* (3) Hanchett  
Survey of the literature on public finance, with special attention to controversial issues. (Not offered in 1951-52.)
- 261-62 *Public Finance and Fiscal Policy* (3-3) Colm  
Survey of the major contributions to the theory and doctrines of public finance. Special problems: deficit financing; current tax problems; and federal, state, and local financial relationships. Evening.
- 265 *Theory of Economic Policy* (3) Watson  
The nature, forms, methods, and objectives of economic policy; the relation of economic theory to economic policy. Evening.
- 266 *Problems of Governmental Economic Policy* (3)  
The execution of economic policies as they are affected by the processes of government. (Not offered in 1951-52.)
- 281 *Theories of International Economics* (3) Schmidt  
Examination and critique of mercantilism, classical international equilibrium analysis, and other schools of world economic thought. Evening.
- 282 *The Balance of International Payments* (3) Schmidt  
Structure and theories of the balance; money and foreign exchange and interrelationships of trade, gold flows, capital movements, etc.; the balance and foreign economic policy formulation. Evening.
- 285-86 *Public and Private Finance in Latin America* Corliss  
(3-3)  
Corporate finance, banking, and capital movements in Latin America; fiscal problems; public debt, deficit financing, taxation, public expenditures; foreign-exchange controls and problems. A reading knowledge of Spanish or Portuguese is required. Evening.



- 287-88 *Economic Problems of Latin America* (3-3) Corliss  
Foreign trade and foreign commercial policy; growth of industry and agriculture; government control of economic activity; recent economic trends and problems. (Not offered in 1951-52.)
- 289 *Problems in International Financial Policy* Acheson  
(3)  
Analysis of the issues confronting the International Monetary Fund and the International Bank for Reconstruction and Development. Evening.
- 290 *Problems in International Economic Policy* Acheson  
(3)  
Exchange stabilization; issues confronting the International Trade Organization. Evening.
- 297-98 *Thesis* (School of Government majors) (3-3) The Staff
- 299-300 *Thesis* (3-3) The Staff

## EDUCATION

James Harold Fox, A.M., Ed.D., *Professor of Education, Executive Officer*

Burnice Herman Jarman, A.M., Ed.D., *Professor of Education*

Meredith Chester Wilson, B.S., *Adjunct Professor of Education*

\*Ruth Coyner Little, Ph.D., *Professorial Lecturer in Education*

\*Ray LaForest Hamon, Ph.D., *Professorial Lecturer in Education*

Charles Edward Bish, A.M., Ed.D., *Professorial Lecturer in Education*

\*William Ashby Early, A.M., *Professorial Lecturer in Education*

\*Erret Glenn Featherston, A.M., Ed.D., *Professorial Lecturer in Education*

Lewie Woodrow Burnett, A.B., Ed.D., *Associate Professor of Education*

Blake Smith Root, A.M., Ed.D., *Associate Professor of Education*

Ralph Windsor Ruffner, A.M., Ed.D., *Associate Professor of Education*

Jane Frost Hilder, A.M., *Lecturer in Education*

Madaline Kinter Remmlein, Ph.D., J.D., *Lecturer in Education*

LuVerne Crabtree Walker, A.M., *Lecturer in Education*

\*Helen Barton Goodwin, A.M., *Lecturer in Education*

Florence Mary Lumsden, A.M., Ed.D., *Lecturer in Education*

William Samuel Rumbough, A.M., Ed.D., *Lecturer in Education*

Cannon Chiles Hearne, A.M., *Lecturer in Education*

John Frederick Brougher, A.M., Ed.D., *Lecturer in Education*

James Herrick Hall, A.M., Ed.D., *Lecturer in Education*

Howard Odin Johnson, A.M., Ed.D., *Lecturer in Education*

Frederick Anderson Indorf, A.M., *Lecturer in Education*

Arne William Randall, A.M., *Lecturer in Education*

Raymond Ray Reed, A.M., *Lecturer in Education*

Joseph Bueol Johnson, A.M., Ed.D., *Lecturer in Education*

Mary Ellen Coleman, A.M., *Lecturer in Education*

Mirian Townsend Tannhauser, A.M., *Lecturer in Education*

### CONSULTANTS IN RESEARCH

Wesley Earl Armstrong, M.S., Ed.D., *Chief for Teacher Education, U. S. Office of Education*

John Robert Ludington, Ph.D., *Specialist of Industrial Arts, U. S. Office of Education*

### FIELD SERVICE COORDINATORS

William Wallace Rich, A.M., *Supervisor of Secondary Schools, Arlington County, Virginia*

\* On leave of absence 1951-52.

Helen King Finlay, A.M., *Assistant Principal, Washington-Lee High School, Arlington, Virginia*

*Bachelor of Arts in Education (School of Education).*—Prerequisite: the Education curriculum in the Junior College or the equivalent, or a certificate of graduation from an approved normal school or the equivalent, see page 58.

Required: the satisfactory completion of a program of at least sixty-six credit hours in addition to the general education background courses in the Junior College curriculum. Each program is planned individually to meet the certification requirements of the student in major and minor teaching fields, see pages 137-43 and in professional courses, see page 144.

*Master of Arts in Education (School of Education).*—Prerequisite: a Bachelor's degree from an accredited institution. Programs are planned individually. The following areas of specialization are available: (1) school administration—superintendency, secondary school principalship, or elementary school principalship; (2) adult education; (3) secondary education—the senior or junior high school; (4) elementary education—intermediate grade or early childhood education; (5) agricultural extension education; (6) curriculum; (7) employee training; (8) guidance; (9) physical education.

*Doctor of Education (School of Education).*—See pages 146-48.

### A Reading Clinic

Hilder and Staff

Diagnosis of reading difficulties; individual or group lessons without academic credit for alexia, dyslexia, and remedial cases. Fee: for diagnosis, \$25; for individual lesson, \$3; for group lesson, \$2.50.

### SECOND GROUP

#### 107 *Introduction to Learning* (3)

Indorf

Child growth and development, nature of learning with implications for teaching. For liberal arts graduates who have had no equivalent professional training.

Summer term 1951.

#### 108 *The Elementary School* (2)

Burnett

Purposes, organization, program of studies, and general problems of the elementary school. For liberal arts graduates and graduates of secondary school curricula.

Summer term 1951.

#### 109-10 *Learning and Teaching* (3-3)

Ruffner

For the general student as well as the prospective teacher. Fall term: nature of learning approached through the study of actual classroom situations. Spring term: nature of teaching approached through observation of typical classroom situations. Lecture (2 hours), conference (1 hour)—afternoon and evening sections; field work (2 hours)—to be arranged. (Also offered 1951 summer term.)

#### 111-12 *Elementary School Curriculum* (3-3)

Burnett

Principles of elementary education, including general classroom procedures and common teaching skills. Fall term: special emphasis upon materials and methods in language arts, including reading, writing, spelling, and speech. Spring term: special emphasis upon materials and methods in social studies, science, and arithmetic. Late afternoon. (Also offered 1951 summer term.)



- 113 *Elementary School Art* (3) Randall  
Materials and methods. Late afternoon.
- 114 *Elementary School Music* (3) Reed  
Materials and methods. Late afternoon.
- 115 *Elementary School Classroom Procedures* (3)  
Determination of children's needs and interests, providing for individual differences, evaluation of classroom practices.  
Summer term 1951.
- 121-22 *Society and the School* (3-3) Burnett, Hall  
For the general student as well as the prospective teacher. Fall term: the local, national, and international roles of education; cooperation of the school with other community agencies. Spring term: organization and operation of schools; principles and functions. Lecture (2 hours), conference (1 hour)—afternoon and evening sections; field work (2 hours)—to be arranged. (Also offered 1951 summer term.)
- 123-24 *Reading Problems* (3-3) Hilder  
A clinical approach to reading difficulties on elementary and secondary school levels. Saturday morning.
- 125 *Corrective Procedures in Reading* (3) Hilder  
Study of levels, needs, materials, and corrective methods. Demonstrations and observations with clinic cases.  
Summer term 1951.
- 127 *Children's Literature* (3) Walker  
Exploring and evaluating the newer books for children and the children's classics, understanding the contribution of literature in child development, appreciating children's original expressions. Lecture (2 hours)—evening; field work (2 hours)—to be arranged.
- 131 *Common Teaching Skills* (3) Root  
Course, unit, and lesson planning; practical techniques used in connection with motivation, the assignment, group procedures, directing study, individual differences, evaluation, clerical routines, discipline, the homeroom, activity sponsorship, public relations. Late afternoon.
- †133-34 *Observation and Practice Teaching* (3-3) Root, Burnett  
Education 134, practice-teaching fee, \$9 a credit hour. Admission by permission of the instructor. Time to be arranged individually. (Also offered 1951 summer term.)

#### SPECIAL METHODS COURSES

To be elected in the senior year after substantial preparation in the teaching fields concerned. Course requirements and hours of credit vary with license requirements. Practices of successful teachers are studied and actual teaching content as found in current texts and courses of study is reviewed.

- 136 *Teaching English* (2 to 4) Lumsden  
Lecture (2 hours)—evening; field work (2 hours)—to be arranged.

- 138 *Teaching Social Studies* (2 to 4) Root  
Lecture (2 hours)—evening; field work (2 hours)—to be arranged.
- 140 *Teaching Mathematics* (3) Weida  
Late afternoon.
- 141-42 *Teaching Art* (3-3) Goodwin  
(Not offered in 1951-52.)
- 144 *Teaching Science* (2 to 4) Rumbough  
Lecture (2 hours)—late afternoon; field work (2 hours)—to be arranged.
- 146 *Teaching Foreign Languages* (2 to 4) Doyle, Keating  
Late afternoon.
- 148 *Teaching Home Economics* (2) Kirkpatrick  
Time to be arranged.
- 150 *Teaching Business Subjects* (2) \_\_\_\_\_  
Time to be arranged.

## THIRD GROUP

- 205-6 *The Curriculum* (3-3) Burnett  
General principles and practices of curricular development, modern trends and procedures of improvement, group consideration of student problems. Evening.
- 207 *Course of Study Construction* (3) Burnett  
Major factors underlying course of study construction, analysis of procedures, review of typical published courses, application to student's own situation.  
Summer term 1951.
- 209-10 *Child Growth and Development* (3-3) \_\_\_\_\_  
Basic factors in human growth and development and their relation to learning and teaching. Related practical experience in studying children; class analyses of procedures and results. Saturday morning.  
(Also offered 1951 summer term—Education 209 (3).)
- 211X *Evaluation in Education* (3) Ruffner  
Concept of evaluation, relationship between evaluation of ends and means, steps involved in the evaluation of learning outcomes. As the course progresses each student develops a solution for an evaluation problem related to his work situation. Evening. (Also offered 1951 summer term.)
- 213-14 *History of Education* (3-3) Jarman  
Fall term: the European backgrounds of American education. Spring term: the evolution of the American school system. Evening.
- 215 *Education of the Exceptional* (3) Tannhauser  
For classroom teachers. A survey of current problems in the education and guidance of exceptional pupils. Nature and needs of those

physically, mentally, or emotionally handicapped; needs of the gifted—discussed by experts in these fields. Resources for help in correction, diagnosis, therapy, education, and guidance.

Summer term 1951.

- 217-18 *Contemporary Problems in Education* (3-3) Jarman  
Fall term: designed to help students formulate a personal philosophy of education. Spring term: social foundations of education—a study of the forces that shape the policies and offerings of the school. Evening. (Also offered 1951 summer term—Education 217 (3).)
- 219 *Recent Developments in Elementary Education* (3) Burnett  
Review of recent literature and research; consideration of the newer practices and trends.  
Summer term 1951.
- 221-22 *Seminar: Early Childhood Education* (3-3) Little  
Fall term: home backgrounds, nursery school, and kindergarten situations. Spring term: primary grades. (Not offered in 1951-52.)
- 225-26 *Seminar: Elementary Education in the Intermediate Grades* (3-3) Little  
A comprehensive study of the major problems of the intermediate grades. (Not offered in 1951-52.)
- 227-28 *Elementary Education* (3-3) Burnett  
Fall term: discussion of fundamental issues in the light of their historical development, and current proposed solutions. Spring term: relationships of developments in each instructional area to the fundamental issues. Saturday morning.
- 230x *Administration of Elementary Education* (3) Burnett  
The principal as a school and community leader. Problems of supervision, curriculum development, parent relations, pupil guidance, and management. Evening.
- 231 *Secondary School Classroom Procedures* (3) Bish  
Survey of current classroom practices with particular attention to selected topics such as teacher-pupil planning, group procedures, pupil security, initiatory and culminating activities, individual and group evaluation techniques, teaching aids, etc.; review of recent literature. Evening. (Also offered 1951 summer term.)
- 233 *Audio-visual Education* (3) J. Johnson  
Selection and use of audio-visual aids, management of materials and equipment. Material fee, \$5. Lecture (2 hours), laboratory (2 hours)—Saturday.
- 247-48 *Vocational Education* (3-3) Ruffner, H. Johnson  
Fall term: development in the United States, current concepts, agencies involved, problems and trends. Spring term: learning and teaching activities, curriculum content, administration of vocational programs. Evening. (Also offered 1951 summer term.)



- 251 *Guidance in Secondary Schools* (3) Brougher  
Scope; needs; organization of the program; services to students, the instructional staff, and the administration; personnel needed for the program. Evening.
- 254 *The Junior High School* (3) Bish, Root  
Purposes, organization, core programs, guidance, developing course of study, extra-classroom activities. (Not offered in 1951-52.)
- 255-56 *Secondary Education* (3-3) Root  
Fall term: review of recent literature and practices; particular attention to recent proposals for improving secondary education, including those of the Education Policies Commission, Harvard Committee, and the Commission on Life Adjustment Education. Spring term: current problems in each of the subject-matter fields. Saturday morning. (Also offered 1951 summer term.)
- 259-60 *Secondary School Management* (3-3) Fox, H. Johnson  
Management planning, execution, and control; criteria of good management; construction of the master schedule; leadership problems incident to the development of new policies and programs. Evening.
- 263-64 *Employee Training* (3-3) Root  
Fall term: nature and purposes, organization and administration of programs—orientation, executive, supervisory, apprentice, clerical, skills; training media and techniques; coordination with other management functions. Spring term: current practices, operating policies, and programs of selected organizations. Evening.
- 271 *The American School System* (3) Fox  
Education and world affairs, national agencies, role of the state, local administration, school finance, legal controls, school plant, public support, democratic administrative procedures, improving teaching conditions. Saturday morning.
- 272 *The Teacher and School Supervision* (3) Fox  
Nature, organization, human relationships, and techniques. Saturday morning. (Also offered 1951 summer term.)
- 273-74 *Administration of a School System* (3-3)  
A comprehensive survey of the management problems of a beginning superintendent; does not anticipate previous experience as a superintendent. (Not offered in 1951-52.)
- 275 *School Finance* (3)  
Educational financial theory, practice, and control, including methods of financing. (Not offered in 1951-52.)
- 276 *Seminar: Public Relations in School Administration* (3) Fox  
Purposes, gathering materials, disseminating agencies, publicity media, public participation in policy-making. (Not offered in 1951-52.)

- 278 *School Law* (3) Remmlein  
Sources and scope of school law; legal rights and responsibilities of teachers, pupils, and taxpayers. Other legal problems of major interest to the group. Evening.
- 279-80 *Adult Education* (3-3) Ruffner  
Fall term: current concepts and objectives, agencies involved, programs on all levels—international through community. Spring term: the adult as a learner, the teacher of adults, learning-teaching activities, administration of adult education programs. Evening. (Also offered 1951 summer term—Education 280 (3).)
- 285 *Extra-classroom Activities* (3) Root  
Nature and purposes of selected activities—homeroom, clubs, assemblies, school publications, student council, interscholastic contests; particular attention to sponsorship, participation, finance, and evaluation.  
Summer term 1951.
- 287-88 *Clinical Study of Reading Problems* (3-3) Hilder  
For advanced students. Diagnostic work under supervision in the Reading Clinic. Admission by permission of the instructor. Saturday morning.
- 291 *Planning the School Plant* (3) Hamon  
Selection of site; evaluation of existing buildings; utilization of present facilities; adaptation to curricular needs; building, operation, and maintenance problems. (Not offered in 1951-52.)
- 293-94 *Research* (3-3) The Staff  
Individual research under the guidance of a member of the Staff. Program and conferences arranged with an instructor.
- 295 *Educational Research Methods and Procedures* (3) Fox  
Required of all Master of Arts candidates following Plan 2. Knowledge of elementary statistics required. Evening. (Also offered 1951 summer term.)  
Education 295x—same as Education 295, but offered spring term. Late afternoon.
- 297 *Reading in Education* The Staff  
To assist those preparing for the comprehensive examination. No credit toward degree requirements. Tuition fee: \$12. Late afternoon. (Also offered 1951 summer term.)  
Education 297x—same as Education 297, but offered spring term. Late afternoon.
- 299-300 *Thesis* (3-3) The Staff  
Required of all Master of Arts candidates following Plan 1. Time to be arranged. (Also offered 1951 summer term.)

## ELECTRICAL ENGINEERING

- \*Norman Bruce Ames, M.S., E.E., LL.B., *Professor of Electrical Engineering*  
 Forest Klaire Harris, Ph.D., *Professorial Lecturer in Electrical Engineering*  
 William Sutton Carley, M.S. in E.E., *Associate Professor of Electrical Engineering*  
 William Thomas Dickinson, M.S. in E.E., *Assistant Professor of Electrical Engineering, Acting Executive Officer*  
 Jerome Strauss Antel, Jr., B.S. in E.E., *Assistant Professor of Electrical Engineering*  
 Thomas Alvin O'Halloran, B.E.E., *Lecturer in Electrical Engineering*  
 Dwight Edward Shytle, *Lecturer in Electrical Engineering*  
 Ralph Brady, B.S. in E.E., *Lecturer in Electrical Engineering*  
 Jerome Addison Lee, B.S., *Lecturer in Electrical Engineering*  
 George Pida, B.E.E., *Lecturer in Electrical Engineering*  
 Chester Lewis Moye, B.S. in E.E., *Lecturer in Electrical Engineering*  
 Benjamin Franklin Slingluff, B.S. in E.E., *Lecturer in Electrical Engineering*

*Bachelor of Electrical Engineering (School of Engineering).*—See pages 116 and 117-18 for statement of requirements.

*Electrical Engineer (School of Engineering).*—See page 121 for statement of requirements.

### FIRST GROUP

- 9-10 *Elements of Electrical Engineering (3-3)* Lee  
 Electrical Engineering 9: magnetic and electric circuits; direct-current instruments and machines; Electrical Engineering 10: alternating-current circuits, instruments, and machines. Prerequisite: Physics 7. Prerequisite or concurrent registration: Mathematics 20. Morning and evening sections.
- 13-14 *Electrical Laboratory (2-2)* The Staff  
 For the student not majoring in electrical engineering. Experiments in direct- and alternating-current circuits, instruments and machinery. Prerequisite: Electrical Engineering 10. Laboratory fee, \$9 a term. Laboratory (3 hours)—afternoon and evening sections.

### SECOND GROUP

- 105-6 *Direct-Current Laboratory (2-2)* The Staff  
 For the student majoring in electrical engineering. A course in measurements and direct-current dynamo laboratory. Prerequisite: Electrical Engineering 9-10. Laboratory fee, \$9 a term. Laboratory (3 hours)—afternoon and evening sections.

\* On sabbatical leave 1951-52.



- 107 *Alternating-Current Circuits* (3) Dickinson  
Alternating-current-circuit theory. Extensive consideration is given to harmonic analysis and to the study of harmonics in both single-phase and polyphase circuits. Prerequisite: Electrical Engineering 10. Morning and evening sections.
- 108 *Alternating-Current Machinery* (3) Antel  
Synchronous generators and motors, transformers, and mercury arc rectifiers. Prerequisite: Electrical Engineering 107. Morning and evening sections.
- 109 *Alternating-Current Machinery* (3) Antel  
A continuation of Electrical Engineering 108. Converters, induction motors, single-phase motors. Prerequisite: Electrical Engineering 108. Afternoon and evening sections.
- 111-12 *Electrical Measurements* (2-2) Antel, Harris  
Theory of direct-current and alternating-current instruments, bridges, and meters. Prerequisite or concurrent registration: Electrical Engineering 107. Morning and evening sections.
- 118 *Advanced Network Theory I* (3) Carley, Dickinson  
Theory of resonance, linear networks, transmission lines, and filters. Prerequisite: Electrical Engineering 107. Morning and evening sections.
- 119 *Advanced Network Theory II* (3) Carley  
Theory of transmission at UHF and VHF frequencies including Maxwell's equations, wave guides, and methods of power generation at these frequencies. Prerequisite: Electrical Engineering 118 and Physics 132. Prerequisite or concurrent registration: Electrical Engineering 142; Physics 133. Morning and evening sections.
- 120 *Advanced Network Laboratory I* (2) The Staff  
A laboratory course associated with Electrical Engineering 118. Laboratory fee, \$9. Laboratory (3 hours)—morning and evening sections.
- 121 *Advanced Network Laboratory II* (2) The Staff  
A laboratory course associated with Electrical Engineering 119. Prerequisite: Electrical Engineering 120. Laboratory fee, \$9. Laboratory (3 hours)—afternoon and evening sections.
- 125-26 *Principles of Electric Power Transmission* (2-2) Slingluff  
Mechanical and electrical characteristics of transmission lines, approximate and rigorous solutions by means of hyperbolic functions, steady-state and elementary transient considerations, the more important phases of distribution of electrical energy. Prerequisite: Electrical Engineering 107. Evening.
- 133-34 *Alternating-Current Laboratory* (2-2) The Staff  
A continuation of Electrical Engineering 105-6, with experiments on alternating-current circuits, instruments, and machinery. Prerequisite: Electrical Engineering 106 and 108. Laboratory fee, \$9 a term. Laboratory (3 hours)—afternoon and evening sections.

- 137 *Electric Traction* (2) Moyer  
Theory and practice of modern direct- and alternating-current railways. Prerequisite: Electrical Engineering 10. Evening.
- 138 *Industrial Electrical Power Applications* (2) Antel  
The characteristics of the various types of electrical motors and other power appliances and the principles governing their applications in industry. Prerequisite: Electrical Engineering 10. Evening.
- 139 *Illumination Engineering* (2) Antel  
Principles and practices in present-day illumination engineering. Prerequisite: Electrical Engineering 10. Evening.
- 140 *Electrical Design* (3) Moyer  
Principles of design, with reference to materials of construction and electrical equipment. Practical exercises are assigned in connection with classroom work. Prerequisite: Electrical Engineering 109. Lecture (2 hours); laboratory (3 hours)—morning and evening sections.
- 142x *Radio-wave Propagation* (3) Carley, Dickinson  
Theory of the radiation and propagation of electromagnetic waves in space, with consideration of practical application to radio problems. Prerequisite: Electrical Engineering 118. Morning and evening sections.
- 148 *Applications of Electronic Devices* (3) Carley, Dickinson  
Practical applications of electronic devices such as power supplies, voltage regulators, multivibrators, electronic counters, and servo-mechanism. Prerequisite: Physics 133. Evening.
- 150 *Electronic Devices Laboratory* (2) The Staff  
A laboratory course associated with Electrical Engineering 148. Laboratory fee, \$9. Evening.
- 189-90 *Proseminar in Electrical Engineering* (1-1) The Staff  
Prerequisite: Electrical Engineering 108. Late afternoon.

## ENGLISH

Robert Whitney Bolwell, Ph.D., *Professor of American Literature*  
 Ernest Sewall Shepard, A.M., *Professor of English Literature*  
 George Winchester Stone, Jr., Ph.D., *Professor of English Literature*  
 Fred Salisbury Tupper, Ph.D., *Professor of English Literature*  
 Calvin Darlington Linton, Ph.D., *Professor of English Literature*  
 Charles William Cole, Ph.D., *Associate Professor of American Literature, Executive Officer*  
 William Lewis Turner, A.M., *Associate Professor of English*  
 Robert Hamilton Moore, Ph.D., *Associate Professor of English Composition*  
 Averett Howard, A.M., *Associate Professor of English Composition*  
 Muriel Hope McClanahan, Ph.D., *Assistant Professor of English*  
 James Harold Coberly, Ph.D., *Assistant Professor of American Literature*  
 Martin Steele Day, Ph.D., *Assistant Professor of English*  
 Phyllis Annette Nichols, A.M., *Assistant Professor of English*  
 Vera Lillian Mowry, Ph.D., *Assistant Professor of English*  
 John Gage Allee, Jr., A.M., *Assistant Professor of English*  
 \*Ruth Elsie Jones, A.M., *Assistant Professor of English Composition*  
 Edith Louise Williams, A.M., *Instructor in English Composition*  
 Philip Ingram Herzbrun, A.B., *Instructor in English Composition*

*Bachelor of Arts with a major in American Thought and Civilization (Columbian College—Field-of-Study).*—Prerequisite: the Arts and Letters curriculum in the Junior College, see page 56, which should include English 71-72, History 71-72, Art 71-72, and Philosophy 51-52.

Required: the general requirements stated on pages 71-74 and the grade "pass" on the American Thought and Civilization major examination at the end of the senior year. The coordinated field of knowledge upon which the student will be examined is summarized under four general headings: (1) European cultural history—the Renaissance and modern social and intellectual cultures as a background to contemporary civilization with particular attention to English literature and history from the 16th through the 19th centuries; (2) American history—the political, economic, social, and religious thought and experience of the American people; (3) American philosophy and fine arts—a survey of periods and movements with a knowledge of outstanding individuals; (4) American literature—a knowledge of major writers, together with a study of poetry, fiction, and drama. The Department of English provides a proseminar (English 179-80) intended to assist the student in preparing himself for the major examination. The major adviser will give to each student at registration a check list of available courses grouped as prerequisite, necessary, or desirable for the completion of the major study program.

*Bachelor of Arts with a major in English Literature (Columbian College—Field-of-Study).*—Prerequisite: the Arts and Letters curriculum in the Junior

\* On leave of absence 1951-52.



College described on page 56. It is recommended that prospective majors elect English 91-92 from among the listed offerings.

Required: the general requirements stated on pages 71-74, and the passing of the English Literature major examination at the end of the senior year. The field of coordinated knowledge upon which the student will be examined at the end of his senior year is summarized under the following general headings: (1) the history of English literature from the Anglo-Saxon period; (2) the chief English writers (a certain familiarity with each man and his main works and a detailed knowledge of Shakespeare); (3) English social and political history as it bears upon or is reflected in the literature; (4) European intellectual backgrounds and movements which have affected English literature. The proportion of work taken in each of these areas should be worked out by the student in consultation with one of the English Literature advisers. The Department of English provides a proseminar (English 199-200) to assist the student in preparing himself for the major examination. A detailed description of the major is available in the office of the Dean of Columbian College.

*Master of Arts in the field of American Literary and Cultural History (Columbian College).*—Prerequisite: the equivalent of an undergraduate major in this University in (1) History (with American history as a major part), (2) American Thought and Civilization, or (3) English Literature (with introductory courses in American literature and American history). The student who has not taken any of the above majors at this University must take a candidacy examination.

Required: in addition to the general requirements stated on pages 78-80, the following specific requirements must be met: twelve of the required credit hours must be of seminar study, six in American history and six in American literature; twelve of the required credit hours must be of second and third group courses in the fields of American history, literature, philosophy, education, and art recommended by the adviser; a thesis (six credit hours) in any of the foregoing fields or in some combination of them. Because of the various undergraduate majors which will be accepted for admission to this program, a basic reading list is assigned to all students, to assist in preparing them for the final Master's examination.

*Master of Arts in the field of English and American Literature (Columbian College).*—Prerequisite: an undergraduate major in English Literature, or American Thought and Civilization at this University; or twenty-four credit hours in English and/or American literature above the sophomore level. The student who has not taken either of the above majors at this University must take a candidacy examination. The student offering split preparation (English and American literature) will be examined in English and American literature.

Required: in addition to the general requirements stated on pages 78-80, the following specific requirements must be met: (a) a schedule of courses amounting to twenty-four credit hours, planned in consultation with the adviser, on the basis of the student's undergraduate preparation, to include a comprehensive survey of American literature and of English literature from 1600; (b) a Master's thesis (six credit hours) written upon an approved topic under the direction of the instructor in whose field the major portion of the material falls; (c) a final written examination, on American literature and on English literature from 1600.

*Master of Arts in the field of English Literature (Columbian College).*—Prerequisite: an undergraduate major in English Literature at this University, or twenty-four credit hours in English literature above the sophomore level. The student who has not passed the major examination in English at this University must take a candidacy examination which, in its scope and difficulty, is comparable to the major English examination.

Required: in addition to the general requirements stated on pages 78-80, the following specific requirements must be met: (a) a schedule of courses amounting to 24 credit hours, planned in consultation with the adviser; (b) a Master's thesis (six credit hours) written upon an approved topic under the direction of the instructor in whose field the material falls; and (c) a final written examination.

*Bachelor of Arts in Education with a teaching field in English (School of Education).*—Prerequisite: the Education curriculum, page 58. Required: the English option, page 140, and the professional courses listed on page 144.

## ENGLISH COMPOSITION

### FIRST GROUP

**A English Practice (3)** The Staff  
Instruction, drill, and exercises in grammar, vocabulary, spelling, and mechanics in general; instruction and exercises in composition and reading. This course is designed to prepare students for English 1. Morning and evening sections. (Also offered 1951 summer term.)

**B English for Foreign Students (3)** Allee  
A course in reading and writing designed to prepare the student for English 1. Special attention is given to spelling, syntax, grammar, idiom, and vocabulary. Evening. (Also offered 1951 summer term.)

**1-2 Freshman English\* (3-3)** Moore and Staff  
Review of grammar, exercises in composition, readings. Morning, afternoon, and evening sections. (Also offered 1951 summer term.)  
English 1x—same as English 1, but offered spring term. Morning, afternoon, and evening sections.  
English 2x—same as English 2, but offered fall term. Morning, afternoon, and evening sections.

**9 Sophomore Composition (3)** Howard and Staff  
A study of types of expository writing with weekly exercises. Prerequisite: English 1-2. Morning and evening.  
English 9x—same as English 9, but offered spring term. Evening.

**10 The Short Story (3)** Howard and Staff  
Some study of the technique of the short story and class criticism of student writing. Prerequisite: English 1-2. Evening. (Also offered 1951 summer term.)  
English 10x—same as English 10 but offered fall term. Evening.

**11 The Writing of Reports (3)** Turner and Staff  
Theory and practice in the writing of technical reports. Evening.  
English 11x—same as English 11 but offered spring term. Evening.

### SECOND GROUP

**115 The Writing of Fiction—the Short Story (3)** Howard  
Evening.

\* Students registered in English 1 are tested in the minimum essentials of standard usage, vocabulary, writing skill, and reading speed and comprehension. Those students who show marked superiority may, upon passing of further tests, be exempted from one or both terms of the Freshman English course; those who show deficiencies will be assigned to English A.

- 116 *Advanced Exposition* (3) Moore  
Theory and practice in the writing of expository articles and essays.  
Evening.
- 117-18 *The Writing of Fiction—the Novel* (3-3) Howard  
Writing a novel. Evening.

## ENGLISH LITERATURE

## FIRST GROUP

- 51-52 *Introduction to English Literature* Linton and Staff  
(3-3)  
A historical survey. Prerequisite: English 1-2. Morning, afternoon,  
and evening sections. (Also offered 1951 summer term.)  
English 51x—same as English 51, but offered spring term. Morning  
and evening sections.  
English 52x—same as English 52, but offered fall term. Morning  
and evening sections.
- 91-92 *Introduction to European Literature* Shepard and Staff  
(3-3)  
Consideration of various types. Prerequisite: English 1-2. Afternoon  
and evening sections.

## SECOND GROUP\*

- 121-22 *English Literature from the Beginnings to* Allee  
*1500* (3-3)  
Fall term, English literature prior to Chaucer; winter term, Chaucer.  
Morning. (Also offered 1951 summer term—English 121 (3).)
- 125 *The Evolution of Modern Speech* (3) Allee  
The development of the English language in a historical treatment of  
English grammar. Evening.
- 126 *The Appreciation of Literature* (3) Stone  
The study of the principles of criticism and their application to various  
literary types. Evening.
- 129-30 *Elizabethan Nondramatic Literature* (3-3) Tupper  
Nondramatic literature from 1485 to 1603. (Also offered 1951 sum-  
mer term—English 129 (3).)  
English 130x—same as English 130, but offered fall term. Morning.
- 135-36 *Shakespeare* (3-3) Tupper  
Evening.
- 139-40 *The Seventeenth Century* (3-3) Linton  
First half, poetry and prose from 1603 to 1660; second half, Milton.  
Morning.

\* English 51-52, 71-72, 91-92; or Classical Languages and Literatures 71-72 is pre-  
requisite to all second group courses except English 125 and 126.



- 141-42 *The Neoclassical Movement* (3-3) Stone  
Poetry and prose from 1660 through the mid-eighteenth century. Evening. (Also offered 1951 summer term—English 142 (3).)
- 151-52 *The Romantic Movement* (3-3) Day  
From the mid-eighteenth century through Shelley and Keats. Evening. (Also offered 1951 summer term—English 152 (3).)
- 161-62 *Victorian Literature* (3-3) Shepard  
Poetry and prose from 1830 to 1900. Morning. (Also offered 1951 summer term—English 161 (3).)
- 165-66 *The Twentieth Century* (3-3) Linton  
British poetry, prose, and drama since 1900. Morning. (Also offered 1951 summer term—English 165 (3).)
- 181-82 *The English Novel* (3-3) Day  
Major English novelists from Richardson to Woolf. Morning.
- 183-84 *The English Drama* (3-3) Tupper  
The first half is concerned principally with the drama of Shakespeare's contemporaries. The second half is a historical survey from 1660 to the present day.  
English 183x—same as English 183, but offered spring term. Morning.
- 199-200 *Proseminar: Readings for the English Literature Major* (3-3) Tupper, Stone  
Conferences and group discussions. Afternoon and evening sections.

## THIRD GROUP

- 222 *The Age of Chaucer* (3) Stone  
Summer term 1951.
- 223-24 *Old English* (3-3) Allee  
English language and literature before 1100. Fall term, Old English grammar and readings; spring term, Beowulf. Evening.
- 235-36 *Studies in Shakespeare and His Contemporaries* (3-3) Tupper  
Prerequisite: English 135-36. Evening.
- 239-40 *Studies in the Seventeenth Century* (3-3) Linton  
Prerequisite: English 139-40. (Not offered in 1951-52.)
- 241-42 *Studies in Neoclassical Literature* (3-3) Stone  
Prerequisite: English 141-42. English 241, not offered in 1951-52; English 242, evening.
- 244x *Studies in Eighteenth Century Drama* (3) Stone  
Evening.

- 251-52 *Studies in the Romantic Movement* (3-3) Day  
Prerequisite: English 151-52. (Not offered in 1951-52.)
- 261-62 *Studies in Victorian Literature* (3-3) Shepard  
Prerequisite: English 161-62. (Not offered in 1951-52.)
- 295-96 *History of English Literary Criticism* (3-3) Shepard  
Open to the undergraduate with the approval of the instructor. (Not offered in 1951-52.)
- 299-300 *Thesis* (3-3) The Staff

## AMERICAN LITERATURE

## FIRST GROUP

- 71-72 *Introduction to American Literature* Bolwell and Staff  
(3-3)  
A historical survey. First half: from the beginnings to the Civil War. Second half: from Civil War to the present day. Prerequisite: English 1-2. Morning and evening sections. (Also offered 1951 summer term.)

## SECOND GROUP

- 171-72 *Studies in American Literature* (3-3) Cole  
Major factors in the national cultural tradition as shown by outstanding writers. Prerequisite: English 51-52 or 71-72. Morning.
- 173-74 *Major American Poets* (3-3) Coberly, Cole  
Advanced critical study of significant writers and movements. First half: from beginnings through nineteenth century. Second half: the twentieth century. Prerequisite: English 51-52, 71-72, 91-92; or Classical Languages and Literatures 71-72. Evening.
- 175-76 *American Drama* (3-3) Cole, Bolwell  
Historical and critical study of significant plays and forms. First half: from beginnings through nineteenth century. Second half: the twentieth century. Prerequisite: English 51-52, 71-72, 91-92; or Classical Languages and Literatures 71-72. Evening. (Also offered 1951 summer term.)
- 177-78 *American Fiction* (3-3) Coberly  
Historical and critical study of significant novels and short stories. First half: from beginnings through nineteenth century. Second half: the twentieth century. Prerequisite: English 51-52, 71-72, 91-92; or Classical Languages and Literatures 71-72. Morning.
- 179-80 *Proseminar: Readings for American Thought and Civilization Major* (3-3) The Staff  
Conferences and group discussions. Afternoon and evening sections.

## THIRD GROUP

- 271-72 *Seminar: American Literature* (3-3) Bolwell  
Prerequisite: English 171-72 or the equivalent. Evening.
- 277-78 *Studies in American Fiction* (3-3) Coberly  
Topic: Nineteenth Century Transcendentalism. Prerequisite: English 177-78 or the equivalent. Evening.
- 279-80 *Thesis* (3-3) The Staff

## RELATED COURSES IN OTHER DEPARTMENTS

- Classical Languages and Literatures 71-72, *Greek and Roman Backgrounds in Literature*
- Classical Languages and Literatures 109, *Greek and Latin in Current English*
- Classical Languages and Literatures 110, *Greek and Roman Selected Plays*
- Education 136, *Teaching of English*
- German 221, *Introduction to Linguistics*
- History 151-52, *English History*
- Philosophy 111-12, *History of Philosophy*



## GEOGRAPHY

Robert Dale Campbell, Ph.D., *Associate Professor of Geography, Executive Officer*

\*William Franklin Jewell III, M.S., *Assistant Professor of Geography*

Walter Hall Bailey, A.M., *Assistant Professor of Geography*

†William Adriance Withington, A.M., *Instructor in Geography*

Harland Westermann, A.B., *Instructor in Geography*

*Bachelor of Arts with a major in Geography (Columbian College—Departmental).*—Prerequisite: the Arts and Letters curriculum in the Junior College, see page 56. Electives must include Geography 51 and 52.

Required: in addition to the general requirements as stated on pages 71-74, twenty-four credit hours of Geography (which must include Geography 103-4 and 113-14) beyond first-group courses; fifteen credit hours in one or more of the following departments: Botany, Geology, Economics, History, or Political Science. Strongly recommended: Botany 1 and 2, Economics 1 and 2, and History 71-72.

*Master of Arts in the field of Geography (Columbian College).*—Prerequisite: a Bachelor of Arts degree with a major in Geography from this University, or the equivalent. Required: the general requirements as stated on pages 78-80. The thirty hours of required work must include Geography 201-2, 229, and 230.

*Bachelor of Arts in Education with a teaching field in Geography (School of Education).*—Prerequisite: the Education curriculum, page 58. Required: the Geography option, pages 140-41 and the professional courses listed on page 144.

### FIRST GROUP

- 51 Introduction to Geography (3)** Campbell  
A study of the attributes of place; patterns and associations of physical and cultural earth-features; the systematic appraisal of earth-man relationships. Evening. (Also offered 1951 summer term.)  
Geography 51x—same as Geography 51, but offered spring term. Morning.

- 52 World Regions (3)** Bailey  
A study of the character of regions; description and interpretation of physical-cultural complexes; evaluation of regional differences as they affect the distribution and activities of man. Evening. (Also offered 1951 summer term.)  
Geography 52x—same as Geography 52, but offered fall term. Morning.

### SECOND GROUP

- †103-4 Cartography (3-3)** Campbell, Westermann  
Principles of cartographic drafting; elementary map projections; map and graph planning, design, and construction; uses and interpretation of maps. Prerequisite: Geography 51 and 52. Laboratory fee.

\* On leave of absence 1951-52.

† On leave of absence fall term 1951-52.

\$6 a term. Lecture (2 hours); laboratory (4 hours). Morning and evening sections.

- 113x *Geomorphology* (3) Bailey  
The nature and evolution of earth forms, with special emphasis upon relief features of North America. Prerequisite: Geography 52. Lecture (2 hours); laboratory or field (2 hours)—afternoon.
- 114x *Weather and Climate* (3) Bailey  
Rudimentary atmospheric physics, air mass and frontal weather analysis, regional climatology. Prerequisite: Geography 52. Lecture (2 hours); laboratory or field (2 hours)—afternoon.
- 122x *Political Geography* (3) Campbell  
The effect of geographic factors upon the structure and growth of states and upon the relations between states. Prerequisite: Geography 51. Morning.
- 123x *Economic Geography* (3) Withington  
A study of man's economic activities as adjustments to the physical and cultural environments. Prerequisite: Geography 51. Morning.
- 125x *Trade and Transportation* (3) Withington  
The influence of geographic factors on the forms of transportation and upon trade routes. Prerequisite: Geography 51. 1951-52 and alternate years. Evening.
- 127 *Industrial Geography* (3)  
Location and distribution of significant industries, and analysis of the geographic factors determining both; internal structure and external relationships of specific industries.  
Summer 1951.
- 131 *Conservation of Natural Resources* (3) Westermann  
Principles and problems of conservation of vital natural resources: soils, water, forests, minerals, fuels, wildlife. Prerequisite: Geography 51. 1951-52 and alternate years. Evening.
- 132 *Land Use* (3)  
Principles of geographic area analysis and land planning. Field trips and field problems. Prerequisite: Geography 51 and 52. 1952-53 and alternate years.
- 141 *Geography of Settlement* (3)  
The study of the nature and form of settlement, and of population trends and patterns. Prerequisite: Geography 51. 1952-53 and alternate years.
- 142 *Urban Geography* (3)  
The study of the location, form, and function of cities. Prerequisite: Geography 51. 1952-53 and alternate years.
- 161 *Geography of Soils* (3)  
The physical nature, development, and world distribution of soils, soils and land use, current and future soil problems. Prerequisite: Geography 51 and 52. 1952-53 and alternate years.

163 *World Climates* (3)

An analysis of climatic classifications; the study of distribution of world climates and their geographic significance. Prerequisite: Geography 114. (Not offered in 1951-52.)

†171-72 *Field Geography* (3-3)

Bailey

Field study methods, training in mapping and analysis techniques for both rural and urban areas. Prerequisite: Geography 51 and 52. Fee, \$15 a term. Field trips (6 hours). Afternoon.

174 *Map Interpretation* (3)

Map elements and map uses; map reading; interpretation and evaluation of maps.

Summer 1951.

181 *Anglo-America* \* (3)

1952-53 and alternate years.

182 *Historical Geography of the United States* \* (3)

1952-53 and alternate years.

183 *Northwest Europe* \* (3)

1952-53 and alternate years.

184 *Mediterranean Region* \* (3)

1952-53 and alternate years.

191 *Middle America* \* (3)

1951-52 and alternate years. Afternoon.

Westermann

192 *South America* \* (3)

1951-52 and alternate years. Afternoon.

Withington

195 *Eastern and Southern Asia* \* (3)

1951-52 and alternate years. Evening.

Bailey

196 *Southwestern Asia and Soviet Union* \* (3)

1951-52 and alternate years. Evening.

Bailey

## THIRD GROUP ‡

201-2 *Seminar: History and Philosophy of Geography* (3-3)

Campbell, Withington

Required of the Master of Arts candidate. Time to be arranged.

215 *Geographic Factors in American Foreign Policy* (3)

Koenig

Summer term 1951.

\* Regional survey. No prerequisite.

‡ Senior major or graduate status is required for registration in any third-group course.



- 218 *Regional Planning* (3)  
A survey of national and local resource utilization programs, the history of planning, the role of geography in land planning activities. (Not offered 1951-52.)
- 231-32 *Seminar in Geography* (3-3) The Staff  
Subjects of immediate interest for students of geography and professional geographers in the Washington area.  
Summer term 1951: *Strategic Materials and Conservation*.
- 251-52 *Seminar: Problem Areas of the World* (3-3)  
(Not offered in 1951-52.)
- 295-96 *Research* (3-3) The Staff  
Special directed studies. Time to be arranged.
- 299-300 *Thesis* (3-3) The Staff  
Time to be arranged. (Also offered 1951 summer term.)

## GEOLOGY

\_\_\_\_\_, *Associate Professor of Geology*

\_\_\_\_\_, *Instructor in Geology*

*Bachelor of Arts with a major in Geology (Columbian College—Departmental).*—Prerequisite: the Arts and Letters curriculum in the Junior College, see page 56. Required: in addition to the general requirements as stated on pages 71-74, at least twenty-four of the required sixty credit hours must be in Geology beyond the first-group courses.

*Master of Arts in the field of Geology (Columbian College).*—Prerequisite: a Bachelor of Arts degree with a major in Geology at this University, or the equivalent. Required: the general requirements as stated on pages 78-80.

### FIRST GROUP

#### 5 *Field Geology* (6)

Field trips to neighboring localities of geological interest, with class-room study. (Not offered in 1951-52.)

#### 21-22 *Physical and Historical Geology* (3-3)

Survey course covering the principles of physiography, geology, and mineralogy. (Not offered in 1951-52.)

### SECOND GROUP

#### 121-22 *Paleontology* (3-3)

Lectures and laboratory work on classification and structure of fossil invertebrates, vertebrates, and plants, including their use as guide fossils in stratigraphic geology. (Not offered in 1951-52.)

#### 123-24 *Regional Geology of North and South America* (3-3)

Lectures and map work on the physiographic regions of the Western Hemisphere, stressing the relationship between geology and geography and culture. (Not offered in 1951-52.)

#### 125-26 *Regional Geology of the Eastern Hemisphere* (3-3)

Alternating with Geology 123-24 and with it completing a survey of the world. (Not offered in 1951-52.)

### THIRD GROUP

#### 215-16 *Seminar* (3-3)

Detailed study and presentation by the class and instructor of some phase of geology with review of current literature. (Not offered in 1951-52.)

#### 227-28 *Research* (arr.)

Original work on individual problems, including a digest of the published record. (Not offered in 1951-52.)

#### 299-300 *Thesis* (3-3)

(Not offered in 1951-52.)

## GERMANIC LANGUAGES AND LITERATURES

Edward Henry Sehrt, Ph.D., *Professor of German, Executive Officer*  
 Gretchen Louisa Rogers, Ph.D., *Associate Professor of German*  
 Wolfram Karl Legner, Ph.D., *Associate Professor of German*  
 \*Nicholas Trephon Cokenias, A.M., *Instructor in German*

*Bachelor of Arts with a major in Germanic Languages and Literatures (Columbian College—Departmental).*—Prerequisite: the Arts and Letters curriculum in the Junior College, see page 56. Required: in addition to the general requirements as stated on pages 71-74, a minimum of twenty-four credit hours must be in German beyond first-group courses.

*Master of Arts in Germanic Languages and Literatures (Columbian College).*—Prerequisite: a Bachelor of Arts degree with a major in Germanic Languages and Literatures from this University, or the equivalent. Required: the general requirements as stated on pages 78-80. The thirty hours of required work must include a thesis in the field of German literature or linguistics.

*Bachelor of Arts in Education with a teaching field in German.*—Prerequisite: the Education curriculum, page 58. Required: the German option, page 141, and the professional courses listed on page 144.

### FIRST GROUP

†1-2 *First-year German (3-3)* Rogers, Legner, and Staff  
 The essentials of German grammar; translation of easy prose. Morning and evening sections. (Also offered 1951 summer term.)  
 German 1x—same as German 1, but offered spring term. Morning.  
 German 2x—same as German 2, but offered fall term. Morning.

†3-4 *Second-year German (3-3)* Rogers, Legner, and Staff  
 Selections from modern German prose; review of grammar. Prerequisite: German 1-2 or two years of high school German. Morning and evening sections. (Also offered 1951 summer term.)  
 German 3x—same as German 3, but offered spring term. Morning.  
 German 4x—same as German 4, but offered fall term. Morning.

### SECOND GROUP

†101-2 *Rapid Readings in Modern German Prose (3-3)* Rogers, Legner  
 Morning and evening sections.

†103-4 *Goethe's "Faust" (3-3)* Sehrt  
 Time to be arranged.

†105-6 *German Classicism (3-3)* Sehrt  
 Particularly the works of Goethe and Schiller. Time to be arranged.

\* On national service leave effective February 1, 1951.



- 109-10 *German Drama since 1800* (3-3) Sehrt  
 Dramas of Kleist, Grillparzer, Hebbel, and Hauptmann. Time to be arranged.
- †111-12 *The German Romantic Movement* (3-3) Sehrt  
 (Not offered in 1951-52.)
- †115-16 *Survey of German Literature* (3-3) Rogers  
 Time to be arranged.
- †121-22 *Conversation and Composition* (3-3) Rogers  
 Prerequisite: German 3-4 or the equivalent. Morning and evening sections.
- †123-24 *The German "Novelle und Roman"* (3-3) Rogers  
 Time to be arranged.

## THIRD GROUP

- †201-2 *Middle High German* (3-3) Sehrt  
 (Not offered in 1951-52.)
- †205-6 *Gothic* (3-3) Sehrt  
 Introduction to the comparative study of the Germanic Languages. Evening.
- †209-10 *Old High German* (3-3) Sehrt  
 Evening.
- 213-14 *Old Norse* (3-3) Sehrt  
 (Not offered in 1951-52.)
- †219-20 *Comparative Germanic Grammar* (3-3) Sehrt  
 (Not offered in 1951-52.)

## LINGUISTICS AND COMPARATIVE PHILOLOGY

- 121 *Introduction to Linguistics* (3) Sehrt  
 Linguistics and comparative philology. Admission by permission of the instructor. Evening.
- 122 *Indo-European Languages* (3) Sehrt  
 Application of the laws of sound change in language; origin and development of suffixes and inflections; syntax. (Not offered in 1951-52.)
- †223-24 *Sanskrit* (3-3) Sehrt  
 Introduction to comparative Indo-European grammar. Evening.
- 299-300 *Thesis* (3-3) The Staff

## HEALTH ADMINISTRATION

Daniel LeRay Borden, A.M., M.D., *University Surgeon, Director*  
Luther Sheldon, Jr., M.D., *University Physician*  
Sally Steele MacDonald, A.B., M.D., *Associate University Physician*  
Robert Howe Harmon, A.B., M.D., *Associate University Physician*  
Ronald Atmore Cox, A.B., M.D., *Associate University Physician (Eye)*  
Richard Bernard Castell, A.B., M.D., *Associate University Physician*  
Alfred Brigulio, M.D., *Associate University Physician*  
Hugh Osgood House, M.D., *Associate University Physician (Nose and Throat)*  
Juanita Love, R.N., *Nurse-Secretary*

The University maintains a health service that is primarily diagnostic in its intent. For medical emergencies and health consultations there is, on the Campus, a Student Health Clinic open from 9:00 A.M. to 5:00 P.M., with physician and nurse in attendance. There is also a rest room for women, with a graduate nurse in charge.

Medical privileges include: (1) the physical examination of every student entering from secondary school;\* (2) three visits by the University physician or surgeon, office or residence (District of Columbia) in any one illness, exclusive of a specialist, surgical operation, laboratory, or X-ray examination; (3) hospitalization, including board and nursing, in the University Hospital for not more than one week during any twelve-month period—the necessity to be determined by the Director of Health Administration. The duration of hospitalization period (maximum, one week) is also to be determined by the Director of Health Administration.

This medical benefit does not apply to illness or disability incurred previous to the University term or prior to payment of tuition fees.

The student is allowed, if he so desires, to engage physicians and nurses of his own choice, but when he does so he will be responsible for the fees charged.

Rules: (1) The Director of Health Administration is empowered to limit or deny the medical benefits where, in his discretion, a student has, by his misconduct or breach of the rules of the University, made himself ineligible; (2) the Director of Health Administration has authority to determine the necessity and length of hospitalization; (3) a student who has severed his connection with the University is ineligible for medical benefits; (4) a student intending to train for an athletic team is required to pass a thorough examination at the beginning of each term; (5) the above regulations apply also during the summer term of the University.

The University is not responsible for injuries received in inter-collegiate or intra-mural games, or in any of the activities of the physical education departments.

\* A charge of \$2 for a special physical examination is made by the University if a student fails to appear for a physical examination during the period set for this purpose.

## HISTORY

Elmer Louis Kayser, Ph.D., LL.D., *Professor of European History*  
 Alva Curtis Wilgus, Ph.D., *Professor of Latin American History*  
 Wood Gray, Ph.D., *Professor of American History, Executive Officer*  
 Howard Maxwell Merriman, Ph.D., *Professor of American Diplomatic History*

Myron Law Koenig, Ph.D., *Professor of American History*  
 H. F. Arthur Schoenfeld, A.M., *Professorial Lecturer on European Diplomatic History*  
 Hugh Marshall Cole, Ph.D., *Professorial Lecturer on Military History*  
 Roderic Hollett Davison, Ph.D., *Associate Professor of European History*

Ronald Bettes Thompson, A.B., *Assistant Professor of European History*  
 Richard Catlin Haskett, A.M., *Assistant Professor of American History*  
 Richard Marache Leighton, Ph.D., *Lecturer in History*  
 Robert Osborn Mead, A.M., *Lecturer in History*

*Bachelor of Arts with a major in History (Columbian College—Field-of-Study).*—Prerequisite: the Arts and Letters curriculum in the Junior College, see page 56. Electives must include History 39-40 and 71-72.

Required: the general requirements as stated on pages 71-74 and the grade of "pass" on the History major examination at the end of the senior year.

The major, centered on the study of the rise, development, and spread, and the continuing challenges of Western civilization, is attested by a major examination. Under the guidance of an adviser the student will arrange his program in History to attain a balanced coverage of (1) the rise of civilization in Europe to the eve of the French Revolution, (2) the spread of Western culture throughout the world since the close of the fifteenth century, (3) the historic problems of modern industrial civilization from the beginnings of the Industrial Revolution, and (4) the relations of the major nations of Europe and America in their world setting since the Napoleonic Wars. A six-hour research seminar to give training in fundamental techniques is a required part of each major's program, and a proseminar (History 199-200) is offered as a means of integrating the student's understanding of the continuity of Western civilization. For details relating to the administration and content of the major, see the pamphlet on this subject, which is available in the offices of the Dean of Columbian College and the Executive Officer of the History Department.

*Master of Arts in the field of History (Columbian College).*—Prerequisite: the degree of Bachelor of Arts with a major in History from this University, or the equivalent, and the approval of the Department.

Required: the general requirements for the degree, as stated on pages 78-80. Of the twenty-four credit hours of required second- and third-group courses (exclusive of the thesis), at least six must be in third-group history courses, a maximum of six may be in a closely related field outside the Department of History as approved by the Department. Master's candidates are responsible for arranging with instructors of second-group courses for extra work, in order to receive graduate credit for such courses.



*Bachelor of Arts in Education with a teaching field in History (School of Education).*—Prerequisite: the Education curriculum, page 58. Required: the History option, page 141, and the professional courses listed on page 144.

## FIRST GROUP

- 39-40 *The Development of European Civilization* (3-3) Kayser, Davison, Thompson  
Primarily for freshmen. Fall term: the political, social, economic, and cultural history of the Old World from ancient times to 1648. Spring term: from 1648 to the present. Morning and evening sections. (Also offered 1951 summer term.)

- 71-72 *The Development of the Civilization of the United States* (3-3) Koenig, Haskett  
Primarily for sophomores. Fall term: the political, social, economic, and cultural forces of the United States in their world setting from 1492 to 1865. Spring term: from 1865 to the present. Morning and evening sections. (Also offered 1951 summer term.)  
History 71x—same as History 71, but offered spring term. Morning.  
History 72x—same as History 72, but offered fall term. Morning.

## SECOND GROUP \*

- 109 *Thought and Culture of the Western World I: Ancient Civilization* (3) Kayser

Intellectual and social awakenings in the Near East, Greece, and Rome; classical art, letters, philosophy, and science. (Not offered in 1951-52.)

- 110 *Thought and Culture of the Western World II: the Middle Ages and the Renaissance* (3) Kayser

Christian thought from Augustine to Thomas Aquinas; humanism and the classical revival, rise of vernacular literatures; the fine arts. (Not offered in 1951-52.)

- 119 *Thought and Culture of the Western World III: from the Reformation through the Age of Reason* (3) Kayser

The growth of Protestant polity and doctrine; the Counter-Reformation; the scientific revival; rationalism and the Enlightenment; arts and letters. Morning.

- 120 *Thought and Culture of the Western World IV: Intellectual Aspects of the Modern Age* (3) Kayser

The evolution of democratic and social concepts; liberalism and authoritarianism in religion and in politics; the impact of modern science and technology; romanticism and realism. Morning.

\* History 39-40 is prerequisite to courses 109 through 152 and 193-94; History 71-72, to courses 161 through 184.

- 130x Nationalism (3)** Kayser  
The historical evolution of modern nationalism.  
Summer term 1951.
- 137 Military History (3)** Cole  
A comprehensive survey of warfare in Europe and the United States, stressing military institutions and the development of military theory from ancient beginnings to the present time.  
Summer term 1951.
- 145-46 Russian History (3-3)** Thompson  
Main currents in economic, social, and political developments and world relations. Fall term: from the rise of the Kievan state to the Revolution of 1917. Spring term: the Soviet period. Morning.  
History 146x—same as History 146, but offered fall term. Evening.
- 147 Economic History of Europe (3)** Leighton  
A survey from ancient times to the present day. Evening.
- 148 Oversea Expansion of Europe (3)** Leighton  
International rivalries and the impact of European civilization in Africa and the Pacific basin since 1500, with emphasis on the nineteenth and twentieth centuries. Evening.
- 149-50 European Diplomatic History (3-3)** Davison  
Background of the European state system and of diplomatic practices and relations since the Congress of Vienna, with emphasis on the policies and actions of the great powers and their statesmen. Fall term: to 1871, evening; spring term: since 1871, morning and evening sections. (Also offered 1951 summer term—History 150x (3).)
- 151-52 English History (3-3)** Haskett  
A general survey of the development of political, social, and economic institutions of lasting significance in the English speaking world. Fall term: to 1689; spring term: since 1689. Evening.
- 161-62 Latin American History (3-3)** Wilgus  
Development of political, economic, social, and institutional affairs of the Ibero-American colonies (fall term) and the period since independence (spring term). Morning. (Also offered 1951 summer term.)  
History 161x—same as History 161, but offered spring term. Evening.  
History 162x—same as History 162, but offered fall term. Evening.
- 163-64 Current Latin American Problems (3-3)** Wilgus  
Afternoon.
- 171-72 Social History of the United States (3-3)** Gray  
Daily life, institutions, intellectual and artistic achievements of the Agrarian Era, 1607-1861; and the Urban-Industrial Era, 1861 to the present time. Morning.
- 173 Representative Americans (3)** Gray  
A biographical approach to national history. Some fifty significant and pivotal personalities in the development of the United States in

government, business, science, religion, journalism, the arts, and social reform. Evening. (Also offered 1951 summer term.)

History 173x—same as History 173, but offered spring term. Morning.

**174 *Economic History of the United States* (3) Gray**

Main trends in the development of American agriculture, industry, and trade since 1607, with emphasis on tendencies and problems since the Civil War. Evening. (Also offered 1951 summer term.)

**175-76 *Political and Constitutional History of the United States* (3-3) Haskett**

The programs and conflicts of group interests in America within the legal and political framework. Fall term: to the Civil War; spring term: since the Civil War. Evening.

**177 *The South* (3) Gray**

Rise of the plantation system and slavery; the intersectional conflict; and the problems and progress of the New South. Morning.

**181-82 *Diplomatic History of the United States* (3-3) Merriman**

Tendencies toward isolation, expansion, and collectivism; disputes with foreign countries and their settlement; and the activities of the American secretaries of state and diplomatic agents. Fall term: to 1871; spring term: since 1871. Morning. (Also offered 1951 summer term.)

**183 *Oversea Expansion of the United States* (3) Merriman**

The political, economic, social, and cultural life of our outlying possessions. Morning.

**184 *Canada and the United States* (3) Merriman**

The historical background and main trends in the relationship of the two English-speaking peoples of North America. Morning.

**191-92 *Current History* (1-1) Kayser**

Contemporary events in their world setting. Afternoon.

**193 *History of the Near East* (3) Davison**

The Ottoman Empire, its origin and its successors, from the fall of the Byzantine Empire to the breakup of the Ottoman Empire. With the diplomacy of the Eastern Question and the rise of the Turkish Republic. Morning.

**194 *History of the Far East* (3) Thompson**

The civilizations of China, India, and Japan, and their relations with the West, from the beginning to the present. Morning.

**199-200 *Proseminar: Reading for the History Major* (3-3) The Staff**

Limited to majors in History. Readings and discussions on main trends in the history of Western civilization, including representative selections from the classics of historical literature. Evening. (Also offered 1951 summer term.)



## THIRD GROUP \*

- |         |   |            |
|---------|---|------------|
| ‡241-42 | <i>Conference Seminar in Recent European Diplomatic History (3-3)</i><br>(Not offered in 1951-52.)                                  | Schoenfeld |
| 244     | <i>Reading Course in Modern European History (3)</i><br>Primarily for graduate students. Afternoon.                                 | Davison    |
| 246     | <i>Seminar in Russian History (3)</i><br>Evening.   | Thompson   |
| 248     | <i>Reading Course in Russian History (3)</i><br>Primarily for graduate students. Time to be arranged.                               | Thompson   |
| 249     | <i>Seminar in European Diplomatic History (3)</i><br>Evening.   | Davison    |
| 261-62  | <i>Seminar in Latin American History (3-3)</i><br>Evening.  | Wilgus     |
| 271     | <i>Seminar in the Social History of the United States (3)</i><br>Evening.   | Gray       |
| 274     | <i>Reading Course in American Social History (3)</i><br>Primarily for graduate students. Time to be arranged.                       | Gray       |
| 276     | <i>Seminar in American Political and Constitutional History (3)</i><br>Evening.   | Haskett    |
| 277     | <i>Reading Course in American Political and Constitutional History (3)</i><br>Primarily for graduate students. Time to be arranged. | Haskett    |
| 281-82  | <i>Seminar in the Diplomatic History of the United States (3-3)</i><br>Afternoon.   | Merriman   |
| 285-86  | <i>Reading Course in the Diplomatic History of the United States (3-3)</i><br>Primarily for graduate students. Time to be arranged. | Merriman   |
| ‡287    | <i>Conference Seminar on the Development of the Foreign Policy of the United States (3)</i><br>Evening.                             | Schoenfeld |

\* Approval of the instructor is required for registration in each third-group course.  
 ‡ Primarily for majors in the School of Government.

291-92 *Seminar* (3-3)

The Staff

Prerequisite: approval of the Department. Time to be arranged.  
(Also offered 1951 summer term.)

299-300 *Thesis* (3-3)

The Staff

Required of all candidates for the Master's degree specializing in history. Time to be arranged. (Also offered 1951 summer term.)

## HOME ECONOMICS

Frances Kirkpatrick, A.M., *Professor of Home Economics, Executive Officer*

Kathryn Mildred Towne, A.M., *Associate Professor of Home Economics*

*Bachelor of Science with a major in Home Economics (School of Education).—Prerequisite: Home Economics curriculum in the Junior College, see pages 58-59. The requirements for the degree are stated on pages 133-34 and 134-35.*

*Bachelor of Arts in Education with a teaching field in Home Economics (School of Education).—Prerequisite: the Education curriculum on page 58. For requirements, see special bulletin.*

### FIRST GROUP

- 1 *Food Selection and Preparation* (3) Kirkpatrick  
Composition, selection, and preparation of food; analysis of recipes; standard products; planning, preparing, serving, and estimating the cost of meals. Material fee, \$15. Morning and evening sections.
- 22 *Clothing: Its Selection, Cost, and Care* (3) Towne  
Clothing selection—the economic, aesthetic, and hygienic aspects; the application of the principles of color and design to individual selection; the care of clothing. Morning.  
Home Economics 22x—same as Home Economics 22, but offered fall term. Evening.
- 51x *Family Meals* (3) Kirkpatrick  
The choice, purchase, preparation, and service of foods; dietary standards, food habits, and the nutritional needs of the family; problems of purchasing, care, and use of food by the consumer. Material fee, \$9. Lecture (2 hours), laboratory (2 hours)—evening.
- 53x *Family Health and Household Sanitation* (3) Kirkpatrick  
Home hygiene and home care of the sick; the principles of household sanitation in relation to health and diseases. Material fee, \$6. (Offered in 1952-53.)
- 62 *Clothing Construction* (3) Towne  
Techniques of construction suitable for cotton, wool, and rayon fabrics; the use of commercial patterns and their alteration; the proper selection of color, design, and fabric. Material fee, \$6. Morning.  
Home Economics 62x—same as Home Economics 62, but offered fall term. Afternoon.
- 71 *Costume Design and Fashion Economics* (3) Towne  
Factors determining fashions and effect on cost of clothing; problems of the consumer of textiles and clothing; historic costume and its relation to modern dress. Material fee, \$6. Morning.



**72 Household Textiles (3)**

Towne

Properties, uses, and tests of the different textile fibres and fabrics, and development of judgment and knowledge of standard for the consumer of clothing and house-furnishing material. Material fee, \$6. Evening.

**77 Marketing (3)**

Purchasing of foods as it relates to the home and to the institution. 1952-53 and alternate years.

## SECOND GROUP

**102 Advanced Food Preparation (3)**

Kirkpatrick

The application of the fundamental processes of food preparation to a wider range of food materials and various services for different occasions. Material fee, \$15. Morning.

**106 Quantity Cookery (3)**

The Staff

(Not offered in 1951-52.)

**123 Household Finance and Problems of the Consumer (3)**

Towne

Economic problems of the family in modern industrial society; family income; income apportionment and household expenditures; laws affecting the home; investments; consumer buying. Morning.

**143 Advanced Clothing Construction (3)**

Towne

Problems of clothing construction, including renovation, flat pattern designing. Material fee, \$6. (Not offered in 1951-52.)

**148 Food Problems (3)**

Kirkpatrick

Factors affecting the preparation of standard products from the experimental viewpoint; principles of food demonstrations. Material fee, \$15. (Not offered in 1951-52.)

**152x Nutrition (3)**

Kirkpatrick

Lecture course on the principles of normal and abnormal human nutrition. Laboratory work on the calculation and preparation of dietaries. Laboratory fee, \$6. Morning.

**154 Diet Therapy (3)**

Study of nutrition as applied to diet and disease. Material fee, \$6. Afternoon.

**164 Child Nutrition (3)**

Kirkpatrick

Basic principles in nutrition and growth of the infant, pre-school, and adolescent child in health and disease. (Not offered in 1951-52.)

**168 Institutional Management (3)**

Study of the organization, equipment, and marketing problems of institutions. Afternoon.

**171 House Furnishing (3)**

Towne

Home planning from the historic, artistic, economic, and sanitary

viewpoints; home furnishings such as linens, dishes, floor covering, mattresses, etc. Material fee, \$3. Afternoon.

- 181x *The Child in the Home* (3) Kirkpatrick  
Care and development of children; parent-child relationships. Morning.
- 192 *The Home, Its Management and Equipment* (3) Kirkpatrick  
Economical management of the home; distribution of time and energy; problems in the selection, arrangement, and care of equipment. Afternoon.
- 193 *Supervision of Home Management* (3) The Staff  
Field work under supervision. Designed to meet requirements of Those preparing to teach in federally-aided schools. Time to be arranged.
- 195-96 *Special Problems* (3-3) The Staff  
Individual investigation or study under the guidance of a member of the staff. Suggested problems are: home economics education, marketing, tailoring, and draping. Program and conferences arranged with an instructor. Afternoon.
- 197-98 *Proseminar* (3-3) The Staff  
The study of the most recent materials and problems in the various phases of home economics. Evening.

## JOURNALISM

Elbridge Colby, Ph.D., *Professor of Journalism, Executive Officer*  
 Edwin DeFrees Neff, M.S., *Lecturer in Journalism*  
 Frank Landt Dennis, A.B., LL.B., *Lecturer in Journalism*  
 William Vance Nessly, *Lecturer in Journalism*  
 Robert Earl Harper, A.B., *Lecturer in Journalism*  
 Franklin John Ehler, *Lecturer in Journalism*  
 Philip Hampton Love, *Lecturer in Journalism*  
 James Edward Hague, *Lecturer in Journalism*

*Bachelor of Arts with a major in Journalism (Columbia College—Departmental):*

*In the field of News-Editorial.*—Prerequisite: the Arts and Letters curriculum in the Junior College, see page 56. Electives must include Journalism 71-72. Required: the general requirements as stated on pages 71-74. Of the sixty hours of required courses a minimum of twenty-four must be in second-group Journalism courses including 111-12, 115, 151-52, and 199. It is recommended that electives in the Junior College be selected from the following: Economics 1-2, English 11, 71-72, History 71-72, Political Science 9-10, Psychology 1, Sociology 1-2, 71-72; and in Columbia College from the following: Business Administration 141, 142, 147; English 171-72, 177-78; Geography 51, 182; History 171-72, 174, 181-82, 191-92; Philosophy 172; Psychology 156.

*In the field of Public Relations.*—Prerequisite: the Arts and Letters curriculum in the Junior College, see page 56. Electives must include Economics 1-2; History 71-72; Journalism 71-72; Psychology 1, 2; and Speech 1, 2. Required: the general requirements as stated on pages 71-74. The sixty hours of required courses must include the following: Business Administration 101, 105, 141, 147; Journalism 111-12, 116, 117; Psychology 151, 156; and Speech 131, 136, 143, 148. It is recommended that the Columbia College electives be selected from the following: Business Administration 102, 131; English 11; History 174; Journalism 121 or 122, 147, 151-52; Psychology 144; Speech 41, 109. In exceptional cases changes from the required and recommended courses may be permitted with the approval of the Journalism Department.

### FIRST GROUP

#### 71-72 *Journalism Survey (3-3)*

Colby

The newspaper and society; survey of character, techniques, and content of leading newspapers; history of American journalism. It is recommended that English 71-72 be taken in conjunction with this course. Morning and evening sections.

### SECOND GROUP

#### 111-12 *Reporting (3-3)*

Hague, Love

Techniques of newspaper reporting, instruction and practice in modern methods of gathering and presenting news. Some knowledge of typing is desirable. Prerequisite: English 1-2 or the equivalent. Laboratory fee, \$6 a term. Morning and evening sections.



- 115 *Copy Editing and Make-up* (3) Nessly  
Editing of news prior to publication, the copy desk, head lines, make-up, the city editor and his functions. Prerequisite: Journalism 111-12 or the equivalent, unless taken concurrently. Saturday morning.
- 116 *Public Relations* (3) Harper  
The press and information office, technique of news releases, public addresses as news, promotion of feature material, the problem of public relations in government agencies and commercial establishments. Saturday morning.
- 117 *Problems in Public Relations* (3) Harper  
Case histories of successful public relations programs, discussion of public relations procedures and ethics, preparation of specific public relations projects. Prerequisite: Journalism 116. Saturday morning.
- 121-22 *Feature Writing* (3-3) Neff  
Instruction and practice in writing of special newspaper and magazine articles for sale, material for which is obtained through interviews and independent investigation. Prerequisite: English 1-2 or the equivalent. Morning.
- 142 *Retail Newspaper Advertising* (3) Ehrlert  
Retail newspaper advertising management, coordination of newspaper advertising with retail sales patterns, advertising readership, copy preparation, production methods. Prerequisite: Business Administration 147 or permission of the instructor. Evening.
- 147-48 *Reporting of National and International Affairs* (3-3)  
Training in the coverage and presentation of national and international news, special attention to Washington correspondence and press association reporting. Prerequisite: Journalism 111-12 or the equivalent. Laboratory fee, \$6 a term. (Not offered in 1951-52.)
- 151-52 *Editorial Writing* (3-3) Colby  
Current events from the standpoint of editorial interpretation, instruction and practice in the writing of editorials and columns on public affairs. It is recommended that History 191-92 be taken in conjunction with this course. Admission by permission of the instructor. Morning and evening sections.
- 199x *Law of the Press* (3) Dennis  
Freedom of the press, censorship, legislative controls, publication as contempt of court, copyright, news gathering agencies, labor law and the newspaper business, law of libel, privileged matter, fair comment on public characters, right of privacy. Saturday morning.

## LAW

William Cabell Van Vleck, A.B., LL.B., S.J.D., LL.D., *Professor Emeritus of Law in Residence*

Charles Sager Collier, A.B., LL.B., S.J.D., *Professor of Law*

William Thomas Fryer, A.B., LL.B., J.D., *Professor of Law*

Saul Chesterfield Oppenheim, A.M., J.D., S.J.D., *Professor of Law*

Carville Dickinson Benson, A.B., LL.B., S.J.D., *Professor of Law*

James Forrester Davison, A.B., LL.B., LL.M., S.J.D., *Professor of Law*

James Oliver Murdock, Ph.B., LL.B., *Professor of Law*

Oswald Symister Colclough, B.S., LL.B., LL.D., *Professor of Law*

George Bowdoin Craighill, A.B., LL.B., *Adjunct Professor of Law*

James Ward Morris, A.B., *Adjunct Professor of Law*

James Robert Kirkland, A.B., LL.B., LL.M., *Adjunct Professor of Law*

Bolitha James Laws, LL.B., LL.M., LL.D., *Adjunct Professor of Law*

Conder Caywood Henry, A.B., LL.B., *Adjunct Professor of Law*

John Wingfield Jackson, B.S., LL.B., *Adjunct Professor of Law*

Elliott DeJarnette Marshall, LL.B., *Adjunct Professor of Law*

Frank Hammett Myers, LL.B., LL.M., *Adjunct Professor of Law*

Alvin Leroy Newmyer, LL.B., *Adjunct Professor of Law*

John Albert McIntire, A.B., LL.B., *Professorial Lecturer in Law*

Justin Lincoln Edgerton, A.B., LL.B., *Professorial Lecturer in Law*

Philip Field Herrick, A.B., LL.B., LL.M., *Professorial Lecturer in Law*

Raymond Stevens Smethurst, B.S., LL.B., *Professorial Lecturer in Law*

Francis Gerald Toye, B.S. in E.E., LL.B., *Professorial Lecturer in Law*

George Edward Monk, A.B., LL.B., LL.M., *Professorial Lecturer in*

*Law*

Louis Loss, B.S., LL.B., *Professorial Lecturer in Law*

Charles Sylvanus Rhyne, LL.B., *Professorial Lecturer in Law*

Jennings Bailey, Jr., A.B., LL.B., *Professorial Lecturer in Law*

William Randall Compton, LL.B., M.B.A., J.S.D., *Professorial Lecturer in Law*

Robert McKinney Cooper, Ph.M., J.D., *Associate Professor of Law*

\*Leroy Sorenson Merrifield, A.B., LL.B., M.P.A., *Associate Professor of Law*

John Patrick Burke, A.B., LL.B., *Associate Professor of Law*

Herman Israel Orentlicher, A.B., LL.B., *Associate Professor of Law*

John Theodore Fey, LL.B., M.B.A., *Associate Professor of Law*

David Benson Weaver, A.B., LL.B., *Assistant Professor of Law*

Louis Harkey Mayo, B.S., LL.B., *Assistant Professor of Law*

Roger Allen Cunningham, B.S., LL.B., *Assistant Professor of Law*

\* On leave of absence fall term 1951-52.

\*Glen Earl Weston, B.S., LL.B., *Assistant Professor of Law*  
 William Lester Griffin, A.B., LL.B., LL.M., *Lecturer in Law*  
 Arthur Selwyn Miller, A.B., LL.B., *Lecturer in Law*  
 William Leigh Ellis, A.B., LL.B., LL.M., *Lecturer in Law*  
 Norman Alfred Sugarman, A.B., LL.B., *Lecturer in Law*  
 Joseph Dach, LL.D., LL.B., *Lecturer in Law*  
 Frederick Bernays Wiener, Ph.B., LL.B., *Lecturer in Law*  
 John Alexander Kendrick, A.B., LL.B., *Clerk of the Trial Practice Court*  
 Dudley Graham Skinker, LL.B., *Assistant Clerk of Trial Practice Court*

For the requirements for the degrees of *Bachelor of Laws*, *Juris Doctor*, *Master of Laws*, *Master of Comparative Law*, and *Doctor of Juridical Science*, see pages 109-11.

#### 112-13 *Contracts* (4-2)

Mayo

Scope of protection accorded contracts; specific performance of contracts other than land transactions; damages, restitution. Mutual assent: offer and acceptance, misunderstanding, mistake, reformation, parol evidence rule. Consideration, third party beneficiaries, assignments, conditions, Statute of Frauds. Morning and evening sections.

Summer term 1951—Law 112x *Contracts* (4) Promissory obligation: offer and acceptance, consideration, Statute of Frauds, formal instruments, rights of third parties, assignments, joint obligations, conditions, performance, discharge.

#### 123 *Criminal Law and Procedure* (4)

Murdock, Cooper, Burke

Origin and purposes of criminal law; elements of criminal liability; mental disorders; solicitation, attempt, and conspiracy; crimes against the person, against property, and against both; statutory offenses; criminal procedure, with consideration of Federal Rules of Criminal Procedure. Morning. (Also offered 1951 summer term.)

Law 123x—same as Law 123, but offered spring term. Evening.

#### 129 *Legal Method and Legal System* (4)

Fryer, Benson, Merrifield, Burke, Orentlicher, Cunningham

Introduction to study of substantive and procedural law. Examination of basic concepts with training in method and technique of case law, based upon modern records in state and federal cases and individual practice in the use of law books and legal writing. Importance of language in law and legal reasoning, both apart from and in connection with statutory interpretation and as affected by the use of precedents, under the doctrines of stare decisis, law of the case, and res judicata. Background on development of the English and American legal systems; organization of the judiciary and the bar, stressing enforcement of ethical standards. Fryer and Benson, *Cases on Legal Method*; Fryer and Benson, *Cases on Legal System*. Morning and evening sections. (Also offered 1951 summer term.)

Law 129x—same as Law 129, but offered spring term. Morning and evening sections.

\* On leave of absence 1951-52.



- 133 Personal Property (2)** Fryer  
Concepts of property and ownership; possession; finding; bailment; acquisition of title by bona fide purchase, adverse possession, accession, confusion, judgment, satisfaction of a judgment, and gift. Fraser, *Cases on Property*, Vol. II, 2d ed.; Fryer, *Readings on Personal Property*, 3d ed. Morning and evening sections.  
Law 133x—same as Law 133, but offered spring term. Morning and evening sections.
- 137x Real Property (4)** Benson, Cunningham  
Historical background of estates and conveyances; possessory estates; concurrent estates; natural rights; easements, profits, and licenses; adverse possession and adverse user. Morning and evening sections.  
Summer term 1951—Law 137 *Real Property* (4) Real property; introduction; estates, seisin, landlord and tenant; future interests at common law and under the statutes of uses and wills; merger, elementary study of remoteness and powers; adverse possession; prescription; natural rights.
- 141x Torts I (4)** Merrifield  
Intended and unintended interference with the person or tangible things, defamation of the person, malicious prosecution. Morning and evening sections. (Also offered 1951 summer term.)
- 205 Civil Procedure (4)** Burke, Fey  
Function and composition of pleadings, including their relation to proof. Emphasis is upon reforms, as exemplified by modern code provisions and the Federal Rules of Civil Procedure. Clark, *Cases on Pleadings and Procedure*, 2d ed. Morning and evening sections (Also offered 1951 summer term.)
- 214 Constitutional Law (4)** Collier  
Historical introduction, judicial approach and methods, doctrine of the separation of powers, powers of the National Government; the federal system and relation of federal and state courts. Dodd, *Cases on Constitutional Law*, 3d ed. Morning and evening sections. (Also offered 1951 summer term.)
- 223 Domestic Relations (2)** Compton, Mayo  
Marriage, annulment, and divorce; rights of husband and wife; rights of parent and child; infants. Morning. (Also offered 1951 summer term.)
- 231 Equity (4)** Weaver  
Specific performance of contracts; equitable conversion; Statute of Frauds; mutuality; conditions; defenses; equitable servitudes; powers of an equity court; effect of decrees, interpleader, bills of peace, cloud on title, rescission and reformation, mistake. Chafee and Simpson, *Cases on Equity*, 2d ed. Morning. (Also offered 1951 summer term.)
- 233 Evidence (4)** Fryer, Fey  
Functions of court and jury; witnesses; hearsay, opinion, and circumstantial evidence; proof of authenticity and contents of writings.

McCormick, Cases on Evidence, 2d ed. Evening. (Also offered 1951 summer term.)

Law 233x—same as Law 233, but offered spring term. Morning.

**246 Negotiable Instruments (4)**

Orentlicher

Bills of exchange, promissory notes and checks, especially under the Negotiable Instruments Law. Morning and evening sections. (Also offered 1951 summer term.)

**248x Conveyances (2)**

Benson, Cunningham

Conveyances, rents, easements, profits, licenses, covenants running with the land, and recording. Kirkwood, Cases on Conveyances, 2d ed. Morning and evening sections.

**251x Restitution (4)**

Legal remedies for restitution of benefits obtained or conferred by performance of contract, misrepresentation, mistake, and coercion. Summer term 1951.

**253 Torts II—Unfair Trade Practices (4)**

Oppenheim

Unfair trade practices at common law and under state and federal statutes. Trade-marks and trade names, including Trade-Mark Act of 1946. Misappropriation. False advertising at common law. Federal Trade Commission jurisdiction over misrepresentation practices. Lotteries and premiums. Disparagement of competitor's goods and business methods. State Fair Trade Acts (resale price maintenance). Price discrimination (State and Federal Robinson-Patman Act). State statutes prohibiting sales below cost. Inducing breach of contract. Commercial bribery. Miscellaneous business torts constituting unprivileged interferences with advantageous business relations. Oppenheim, Unfair Trade Practices, Cases, Comments and Materials (1950). Morning and evening sections.

**254 Wills (2)**

Benson, Mayo

Formation and revocation of wills; testate and intestate succession. Mechem and Atkinson, Cases on Wills and Administration, 3d ed. Morning and evening sections.

**256 Sales (2)**

Orentlicher

Common law, Uniform Sales Act and related statutes. Intention to transfer property interest (specific, unascertained, and future goods); specification and appropriation; cash and conditional sales; C.O.D., F.O.B., and C.I.F. shipments; negotiable bills of lading and warehouse receipts; trust receipts; fraud on seller, retention of possession and bulk sales; remedies of seller and buyer, including suit for price, stoppage in transit, seller's warranties; inspection. Morning and evening sections. (Also offered 1951 summer term.)

**261 Agency-Partnership (4)**

Cooper

Master and servant (status of agent), respondeat superior, nature of agency relation; actual authority, parties (disclosed and undisclosed principal), unauthorized transactions, notice, notification. Formation of partnerships, partnership property, rights and duties of partners inter se, nature and enforcement of the partnership obligation, dissolution of the partnership, actions by and against partners. Morning.

- 303 *Administrative Law* (4) Davison  
Legislative setting for administrative bodies; judicial control of administrative action, public utilities, taxation, alien laws. Federal Trade Commission, workmen's compensation, etc. Katz, Cases on Administrative Law. Evening. (Also offered 1951 summer term.)  
Law 303x—same as Law 303, but offered spring term. Morning.
- 305 *Municipal Corporations* (2) Fey  
Organization, powers, functions, and legal relations of local governmental units. Evening. (Also offered 1951 summer term.)
- 306 *Government Corporations* (2)  
Organization, powers, functions, and legal relations of functional governmental units separately incorporated. Prerequisite: Law 305. (Not offered in 1951-52.)
- 308 *Government Contracts* (2) McIntire  
Normal and war powers aspects of government procurement, including administrative and legislative policy and procedures, and legal problems involved in contracts, contract claims, policy price determination, contractual cost or profit control devices, renegotiation, termination settlement. Evening.
- 311x *Corporations* (4) Cooper  
Legal requirements as to contributions of capital; powers and rights of corporations, corporate officials, and shareholders. Berle and Warren, Business Organization—Corporations. Morning and evening sections. (Also offered 1951 summer term.)
- 315 *Conflict of Laws* (4) Van Vleck  
Study of cases involving foreign elements; principles of jurisdiction and limitations upon its exercise; procedure, torts, workmen's compensation, contracts, property, family law, administration of estates, business associations. Cheatham, Dowling, Goodrich, and Griswold, Cases on Conflict of Laws, 2d ed. Morning.  
Law 315x—same as Law 315, but offered spring term. Evening.
- 317x *Creditors' Rights* (4) Cunningham  
Remedies of unsecured creditors: judgments, fraudulent conveyances, creditors' agreements, equity and statutory receiverships, and bankruptcy. The general approach is that of law administration. Morning. (Also offered 1951 summer term.)
- 321-22 *Current Decisions* (2-2) Davison  
Required of, and limited to, members of the student staff of the *Law Review*. Time to be arranged.
- 324 *Federal Jurisdiction* (2) Cooper, Burke  
Constitutional and statutory origins of federal courts, cases arising under the laws and the Constitution, diversity of citizenship, jurisdictional amount, removal procedure and jurisdiction, limitations on federal jurisdiction, state and federal conflicts, substantive law applied by federal courts. McCormick and Chadbourn, Cases on Federal Courts. Morning.  
Law 324x—same as Law 324, but offered fall term. Evening.



- 326 *Insurance* (2) \_\_\_\_\_  
The insurance device in life, property, and other risks. Vance, Cases on Insurance, 3d ed. Morning.
- 327 *International Law* (4) Murdock  
Origin, nature, sources and authority; the international community; recognition, organization (the United Nations); nationality, territory, jurisdiction; treaties; diplomatic and consular agents; state responsibility and international claims; pacific settlement; war; neutrality. Morning and evening sections.
- 329 *Labor Law* (4) Merrifield, Smethurst  
Laws applicable to strikes, picketing, boycotts, etc.; organization and representation of employees; negotiation of collective bargaining contracts; inter-union and intra-union relations; settlement of wage disputes (arbitration, mediation, conciliation). Cases, legislative and administrative materials, readings. Morning and evening sections.
- 332 *Legal Accounting* (2) Fey  
A study of elementary accounting principles and techniques, and an introduction to the interpretation of financial statements. Evening. (Also offered 1951 summer term.)
- 333x *Legislation* (4) Colclough, Ellis  
Justiciable aspects of the legislative process; forms and types of statutes; principles of statutory interpretation, structure and drafting. Evening. (Also offered 1951 summer term.)
- 335-36 *Trial Practice Court* (2-2) Laws, Morris, Craighill, Kirkland, Edgerton, Myers, Marshall, Jackson, Herrick, Monk, Newmyer, Kendrick, Skinker  
To be taken in the senior year. Prerequisite: Law 205 and 233. Morning and evening sections.
- 337 *Future Interests* (2)  
Future interests at common law and under modern statutes, construction of limitations, powers of appointment, rule against perpetuities.  
Summer term 1951.
- 345 *Substantive Patent Law*\* (2) Toye  
Substantive patent law; patentability; revision, use, and enforcement of patents. Evening.
- 346 *Patent Office Practice*\* (2) Henry  
Rules of practice; appeal and interference procedure. Evening.
- 349-50 *Patent Trial Practice Court*\* (2-2) Henry, Bailey  
This course may be elected instead of Law 335-36 to satisfy the Trial Practice Court requirement. Both subjects may not be counted toward a degree. Evening.

\* Patent law students should take Law 345 and Law 349 concurrently in the fall term and Law 346 and Law 350 concurrently in the spring term. Law 349-50 may be taken only by students who are taking or have taken Law 345.

- 351 *Public Utilities* (2)  
Limits of regulation of businesses affected with public interest; ascertainment of value of property used for the public service and the fixing of adequate rates of return. Welch, *Cases on Public Utility Regulation*, 3d ed. Evening.
- 358 *S.E.C. Aspects of Corporate Finance* (2) Loss  
Federal and state regulation of the distribution of securities, the securities markets, and the corporate structure, and management of public utility and investment companies. Primarily the aspects of corporate finance dealt with by the Securities and Exchange Commission. Evening.
- 362x *Security Transactions* (4) Orentlicher  
Security interests in real and personal property, their creation, transfer, enforcement, and extinguishment, together with security problems in the fields of suretyship and bankruptcy. Morning.
- 373 *Taxation* (4) Collier  
Introductory course on basic concepts of federal tax system. Attention given to state inheritance and income taxes. Problems of jurisdiction to tax, construction of tax statutes, methods of judicial review of administrative actions in the tax field, modern excise taxes on business concerns. Magill and Maguire, *Cases on Taxation*, 4th ed. Evening.
- 375x *Taxation—Federal* (4) Fey  
Federal income, gift, and estate taxes, and selected federal tax problems. Morning and evening sections.
- 378 *Federal Anti-Trust Laws* (4) Oppenheim  
Restraints of trade at common law. Public policy under Sherman Anti-Trust Act of 1890 and Federal Trade Commission and Clayton Acts, including mergers, consolidations and monopoly. Loose association activities (price-fixing agreements, trade associations, international cartels). Specific practices such as resale price maintenance, delivered price systems, exclusive arrangements and tying devices, trade boycotts. Patents and copyrights under anti-trust laws. Remedies. Oppenheim, *Cases on Federal Anti-Trust Laws*. Evening.
- 381 *Trusts* (4) Weaver  
Creation, elements, administration, enforcement, termination. Liabilities to and of third persons. Resulting and constructive trusts. Bogert, *Cases on Trusts*, 2d ed. Evening.  
Law 381x—same as Law 381, but offered spring term. Morning.
- 383 *Military Law and Jurisdiction* Wiener  
Sources of military jurisdiction; military law proper, including court-martial jurisdiction and procedures before, during, and after trial; military government; martial law; laws of war and treatment of offenders. Evening.
- 403-4 *Administrative Law Seminar* (2-2) Davison  
Research seminar course in special problems, including the study of specific administrative agencies, federal or state. Time to be arranged.

- 406 Aviation Law (2)** Rhyme  
 Procedure before Civil Aeronautics Board; legal problems arising in connection with air transportation and airports, international conventions and organizations. Evening.
- 407 Admiralty (2)** Colclough  
 Federal and state jurisdiction; jurisdiction over waters, craft, contracts, torts, crimes, in equitable matters, etc.; laws applicable to maritime workers and maritime liens. Sprague and Healy, Cases on Admiralty. Evening.
- 415x Comparative Law (4)** Murdock  
 Historical and comparative study of the fundamental principles of the Roman and modern Civil Law (law of South and Central America and most of continental Europe); comparative study of selected legal institutions to exemplify significant differences between the civil and common law systems in source materials and in methods and approaches to the solution of legal problems. Evening.
- 421x Constitutional Law Seminar (2)** Collier  
 Research seminar in contemporary problems in constitutional law. Time to be arranged.
- 430x International—Comparative Law Seminar (2)** Murdock  
 Research seminar in contemporary problems. Time to be arranged.
- 435 Jurisprudence (4)** Collier  
 History of jurisprudence; schools of jurists, particularly the nineteenth century schools; sociological jurisprudence; theories of justice; the nature of law; law and morals; law and the state; the scope and subject matter of law, sources and forms of law; the traditional element; analysis of general legal concepts. Hall, Readings in Jurisprudence. Morning.
- 437 Monetary Law (2)** Dach  
 Introductory survey of the provisions of public law by which money is administered; the legal character of money and of monetary obligations; legal tender; the "dollar-for-dollar" rule and its limitations; protective clauses (gold, commodity, index clauses); foreign exchange (money of contract, money of payment; conversion; rate of exchange; conflict of laws problems). Evening.
- 451x Trade Regulations Seminar (2)** Oppenheim  
 A research seminar with specific current problems relating to federal anti-trust laws and unfair trade practices. Time to be arranged.



## MATHEMATICS

James Henry Taylor, Ph.D., *Professor of Mathematics, Executive Officer*

Francis Edgar Johnston, Ph.D., *Professor of Mathematics*

Florence Marie Mears, Ph.D., *Professor of Mathematics*

Nels David Nelson, Ph.D., *Assistant Professor of Mathematics*

Earl Larkin Williams, A.M., *Lecturer in Mathematics*

Joachim Weyl, Ph.D., *Lecturer in Mathematics*

Louis William Tordella, Ph.D., *Lecturer in Mathematics*

*Bachelor of Arts and Bachelor of Science with a major in Mathematics (Columbian College—Departmental).*—Prerequisite: the Arts and Letters or the Science curriculum, respectively, in the Junior College, see pages 56-57. Required: in addition to the general requirements as stated on pages 71-74, fifteen credit hours of Mathematics of approved second- and third-group courses.

*Master of Arts and Master of Science in the field of Mathematics (Columbian College).*—Prerequisite: a Bachelor of Arts or Bachelor of Science degree, respectively, with a major in Mathematics at this University, or the equivalent. Required: the general requirements as stated on pages 78-80.

*Bachelor of Science in Engineering with an option in Mathematics (School of Engineering).*—For requirements, see pages 112, 116-17.

*Bachelor of Arts in Education with a teaching field in Mathematics (School of Education).*—Prerequisite: the Education curriculum in the Junior College, page 58. Required: the Mathematics option, pages 141-42, and the professional courses listed on page 144.

### FIRST GROUP \*

#### 3 *College Algebra* (3)

The Staff

Exponents and logarithms; linear equations; complex numbers; quadratic equations; introduction to theory of equations; mathematical induction and the binomial theorem; permutations, combinations, and probability; determinants; progressions. Prerequisite: one year each of high school algebra and high school geometry. Morning and evening sections. (Also offered 1951 summer term.)

Mathematics 3x—same as Mathematics 3, but offered spring term. Morning and evening sections.

#### 6 *Plane Trigonometry* (3)

The Staff

Prerequisite: two years of high school algebra and one year of high school geometry, or Mathematics 3 (or concurrent registration therefor). Morning and evening sections. (Also offered 1951 summer term.)

Mathematics 6x—same as Mathematics 6, but offered fall term. Morning and evening sections.

#### 12 *Analytic Geometry* (3)

The Staff

Prerequisite: Mathematics 3 and 6, or two years of high school algebra, one year of high school geometry, and one-half year of high school

\* No first-group course in mathematics is available for college credit if the student's previous training in mathematics meets the prerequisite for a higher numbered course.

trigonometry. Morning and evening sections. (Also offered 1951 summer term.)

Mathematics 12x—same as Mathematics 12, but offered fall term. Morning and evening sections.

- 19 *Differential Calculus* (3) The Staff  
Prerequisite: Mathematics 12. Morning and evening sections. (Also offered 1951 summer term.)  
Mathematics 19x—same as Mathematics 19, but offered spring term. Morning and evening sections.

- 20 *Integral Calculus\** (3) The Staff  
Prerequisite: Mathematics 19. Morning and evening sections. (Also offered 1951 summer term.)  
Mathematics 20x—same as Mathematics 20, but offered fall term. Morning and evening sections.

#### SECOND GROUP \*

- 102X *Fundamental Concepts of Mathematics* (3) Nelson  
Evening.
- 112 *Mathematics for Engineers and Scientists* (3) The Staff  
Topics from advanced calculus, partial differential equations, vector analysis, and complex variables. Prerequisite: Mathematics 132. Evening.
- 123X *Theory of Equations* (3)  
Summer term 1951.
- 125X *Advanced Algebra* (3) Tordella  
Evening.
- 126 *Advanced Analytic Geometry* (3) Taylor  
Prerequisite: Mathematics 171. Evening.
- 132 *Differential Equations* (3) The Staff  
Morning and evening sections. (Also offered 1951 summer term.)  
Mathematics 132x—same as Mathematics 132, but offered fall term. Morning and evening sections.
- 134 *Introduction to Boundary Value Problems* (3) Taylor  
Prerequisite: Mathematics 132. Evening.
- †135-36 *Projective Geometry* (2-2)  
(Not offered in 1951-52.)
- 139 *Advanced Calculus* (3) Mears  
Evening. (Also offered 1951 summer term.)
- 140 *Introduction to Analysis* (3) Mears  
Prerequisite: Mathematics 139. Evening.

\* Mathematics 20 is prerequisite to all second-group courses.

- 141 *Introduction to Infinite Series* (3)  
(Not offered in 1951-52.)

- 167 *Fourier Series and Spherical Harmonics* (3)  
Prerequisite: Mathematics 132. (Not offered in 1951-52.)

- 171 *Vector Analysis* (3) Taylor  
Evening.

## THIRD GROUP

- 202 *Mathematical Logic* (3) Nelson  
Evening.

- 220 *Theory of Numbers* (3)  
(Not offered in 1951-52.)

- †237-38 *Theory of Functions* (3-3) Johnston  
Evening.

- 242 *Infinite Series* (3)  
(Not offered in 1951-52.)

- 249 *Ordinary Differential Equations* (3) Taylor  
Evening.

- 250X *Integral Equations* (3) Weyl  
Evening.

- 255 *Differential Geometry* (3)  
(Not offered in 1951-52.)

- 257 *Theory of Groups* (3)  
(Not offered in 1951-52.)

- 265-66 *Modern Algebra* (3-3)  
(Not offered in 1951-52.)

- 268 *Calculus of Variations* (3) Weyl  
Evening.

- 270 *Tensor Analysis* (3)  
(Not offered in 1951-52.)

- 271 *Riemannian Geometry* (3)  
(Not offered in 1951-52.)

- 277 *Partial Differential Equations* (3)  
(Not offered in 1951-52.)

- 278 *Introduction to Topology* (3)  
(Not offered in 1951-52.)

- 295-96 *Reading and Research* (3-3) The Staff  
Time to be arranged.

- 299-300 *Thesis* (3-3) The Staff



## MECHANICAL ENGINEERING

- Frederick Morris Feiker, B.S. in E.E., D.Eng., *Professor Emeritus of Engineering Administration in Residence*  
 Benjamin Carpenter Cruickshanks, B.S. in M.E., *Professor of Mechanical Engineering, Executive Officer*  
 Roy Colbert, B.S. in M.E., *Professorial Lecturer on Engineering Administration*  
 Robert Gay Trumbull, B.S. in C.E., *Associate Professor of Mechanical Engineering*  
 Charles Edward Greeley, B.S. in M.E., *Associate Professor of Mechanical Engineering*  
 Frederick Henry Kohloss, B.S. in M.E., LL.B., *Assistant Professor of Mechanical Engineering*  
 John Kaye, M.S. in M.E., *Assistant Professor of Mechanical Engineering*  
 Rudolph Michel, M.S. in M.E., *Lecturer in Mechanical Engineering*  
 Edward Frederick Kelley, M.S., Ae.E., *Lecturer in Mechanical Engineering*  
 John Clifford Goff, B.M.E., *Associate in Mechanical Engineering*  
 Edward French Davis, M.S., *Associate in Mechanical Engineering*  
 Arnold Mayo Kronstadt, B.M.E., *Associate in Mechanical Engineering*  
*Bachelor of Mechanical Engineering (School of Engineering).—See pages 115-16 and 119 for statement of requirements.*  
*Mechanical Engineer (School of Engineering).—See page 121 for statement of requirements.*

### FIRST GROUP

- 1 *Engineering Survey and Orientation* (1) Cruickshanks, Kaye, and Staff  
Open to freshmen only. Afternoon and evening sections.
- 3 *Mechanical Drawing* (2) Trumbull, Kohloss, Davis  
Drafting-room fee, \$5. Drafting (6 hours)—afternoon and evening sections.
- 4 *Descriptive Geometry* (2) Trumbull, Kohloss, Davis  
Drafting-room fee, \$5. Drafting (6 hours)—afternoon and evening sections.
- 7 *Machine Drawing\** (2) Trumbull, Kohloss, Goff  
Prerequisite: Mechanical Engineering 3 and 4. Drafting-room fee, \$5. Drafting (6 hours)—afternoon.
- 8 *Mechanism Drawing\** (2) Trumbull, Kohloss, Goff  
Prerequisite: Mechanical Engineering 3, 4, and 13. Prerequisite or

\* Evening section offered in 1952-53.

concurrent registration: Mechanical Engineering 14. Drafting-room fee, \$5. Drafting (6 hours)—afternoon.

13-14 *Mechanism* (2-2)

Trumbull

Prerequisite: Mathematics 19. Prerequisite or concurrent registration: Mathematics 20. Morning and evening sections.

SECOND GROUP

111-12 *Thermodynamics* (3-3)

Cruickshanks

With introductory study of laws of heat transmission. Prerequisite: Mechanical Engineering 14; Physics 8. Prerequisite or concurrent registration: Mathematics 20. Morning and evening sections.

115-16 *Mechanical Laboratory* (2-2)

Greeley

Calibration of instruments; calorimetry; testing of prime movers, auxiliaries, and combustion engines. Eight-hour boiler test required. Prerequisite: Mechanical Engineering 13-14 and 111-12. Prerequisite or concurrent registration: Mechanical Engineering 129. Laboratory fee, \$9 a term. Laboratory (6 hours). Mechanical Engineering 115: afternoon and evening sections; Mechanical Engineering 116: afternoon.\*

126 *Methods of Manufacture* (2)

Greeley

Fixtures, gauging, tools, costs. Prerequisite: Mechanical Engineering 8 and 14; Civil Engineering 26. Morning and evening sections.

127-28 *Machine Design* (2-2)

Kaye, Kronstadt

With stress-analysis computation and design periods (6 hours). Prerequisite: Mechanical Engineering 7, 8, and 112; Civil Engineering 26, 136, 140, and 141. Drafting-room fee, \$3 a term. Afternoon and evening sections.

129-30 *Power Plants* (3-3)

Cruickshanks

Study of design, layout, installation, and operation of power plants and equipment. Prerequisite: Mechanical Engineering 112. Morning and evening sections.

131-32 *Heating, Ventilating, Air Conditioning, and Refrigeration* (2-2)

Kohloss

Principles and applications. Prerequisite: Mechanical Engineering 112; Civil Engineering 26 and 136. Morning and evening sections.

133 *Combustion Engines* (2)

Greeley

Prerequisite: Mechanical Engineering 112; Civil Engineering 123 and 136; Electrical Engineering 10. Morning and evening sections.

139 *Fluid Dynamics* (3)

Kaye, Kelley

Theory and application of fluid mechanics. Prerequisite: Mechanical Engineering 112; Civil Engineering 140. Morning and evening sections.

\* Evening section offered in 1952-53.

- 140 *Dynamics of Machinery* (3) Kaye, Michel  
Inertia effects, balancing, vibration phenomena. Prerequisite: Mechanical Engineering 7, 8, and 14; Civil Engineering 140 and 141. Morning and evening sections.
- 141-42 *Management Problems* (2-2) Feiker  
Organization of an industrial enterprise; the handling and training of men. Prerequisite: Economics 1-2. Morning and evening sections.
- 145 *Production Control and Planning* (2) Colbert  
Scope of production controls, product analysis, planning and routing systems and methods. Prerequisite: Mechanical Engineering 141-42. Evening.
- 146 *Engineering Patent Procedure* (2)  
Nature and purpose of patents, procedures for preparing and filing patent applications, trade marks and design patents, employer-employee relations. Prerequisite: Mechanical Engineering 141-42. (Not offered in 1951-52.)
- 147 *Industrial Labor Relations* (2)  
Prerequisite: Mechanical Engineering 141-42. (Not offered in 1951-52.)
- 189-90 *Proseminar in Mechanical Engineering* (1-1) Kaye  
Prerequisite: Speech 1; senior status. Afternoon and evening sections.



## MEDICINE

- Walter Andrew Bloedorn, A.M., M.D., Sc.D., *Professor of Medicine*  
 Thomas McPherson Brown, A.B., M.D., *Professor of Medicine, Executive Officer*  
 Paul Frederick Dickens, M.D., *Clinical Professor of Medicine*  
 Charles Robert Lee Halley, A.B., M.D., *Clinical Professor of Medicine*  
 Clayton Bernard Ethridge, M.D., *Clinical Professor of Medicine*  
 Sol Katz, B.S., M.D., *Adjunct Clinical Professor of Medicine*  
 Louis Katz Alpert, B.S., M.D., *Adjunct Clinical Professor of Medicine*  
 Harry Eagle, A.B., M.D., *Adjunct Clinical Professor of Medicine*  
 Joseph Francis Fazekas, B.S., M.D., *Adjunct Clinical Professor of Medicine*  
 Clark Harvey Yeager, M.D., Dr.P.H., *Professorial Lecturer on Tropical Medicine*  
 Norman Hawkins Topping, A.B., M.D., *Professorial Lecturer on Rickettsial Diseases*  
 Monroe James Romansky, A.B., M.D., *Associate Professor of Medicine*  
 Peter Diacoumis Comanduras, M.D., M.S., *Associate Clinical Professor of Medicine*  
 Walter Kendall Myers, B.S., M.D., *Assistant Clinical Professor of Medicine*  
 John Alton Reed, A.B., M.D., *Assistant Clinical Professor of Medicine*  
 Theodore Judson Abernethy, B.S., M.D., *Assistant Clinical Professor of Medicine*  
 William Travis Gibb, Jr., A.B., M.D., *Assistant Clinical Professor of Medicine*  
 John McCallum Evans, A.B., M.D., *Assistant Clinical Professor of Medicine*  
 Carl Calvin Dauer, A.B., M.D., M.P.H., *Assistant Clinical Professor of Medicine*  
 Roy Hertz, Ph.D., M.D., *Assistant Clinical Professor of Medicine*  
 Alfred Henry Lawton, M.D., Ph.D., *Assistant Clinical Professor of Medicine*  
 Samuel Ross Taggart, M.D., *Assistant Clinical Professor of Medicine*  
 Benjamin Manchester, M.D., *Assistant Clinical Professor of Medicine*  
 Irving Wolfe Winik, M.D., *Assistant Clinical Professor of Medicine*  
 \*Clarence Richard Hartman, A.B., M.D., *Assistant Clinical Professor of Medicine*  
 Watson William Eldridge, Jr., M.D., *Associate in Medicine*  
 Maurice Protas, A.B., M.D., *Associate in Medicine*

\* On military leave effective September 7, 1950.

- Pearl Holly, M.S., M.D., *Associate in Medicine*  
 John Minor, A.B., M.D., *Associate in Medicine*  
 Lawrence Jay Thomas, B.S., M.D., *Associate in Medicine*  
 James Joseph Feffer, A.B., M.D., *Associate in Medicine*  
 Lawrence Elias Putnam, A.B., M.D., *Associate in Medicine*  
 John Watkins Trenis, A.B., M.D., *Associate in Medicine*  
 Bernard Lauriston Hardin, Jr., A.B., M.D., *Associate in Medicine*  
 Albert David Kistin, A.M., M.D., *Associate in Medicine*  
 Charles William Ordman, A.B., M.D., *Associate in Medicine*  
 Andrew Gabriel Prandoni, B.S., M.D., *Associate in Medicine*  
 Ruth Hechler Wichelhausen, M.D., *Associate in Medicine*  
 Benjamin Calloway Jones, Jr., M.D., *Associate in Medicine*  
 Richard Bernard Castell, A.B., M.D., *Associate in Medicine*  
 Myer Harold Stolar, B.S., M.D., *Associate in Medicine*  
 Sam Thompson Gibson, B.S., M.D., *Associate in Medicine*  
 Walter Lewis Nalls, B.S., M.D., *Associate in Medicine*  
 Christopher Campbell Shaw, Ph.B., M.D., *Associate in Medicine*  
 Thomas Booth Spencer, A.B., M.D., *Associate in Medicine*  
 Alfred Brigulio, M.D., *Associate in Medicine*  
 Halla Brown, M.D., *Associate in Medicine*  
 Ralph Bretney Miller, M.D., *Associate in Medicine*  
 Thomas Stone Sappington, A.B., M.D., *Associate in Medicine*  
 Joseph Michael Pisani, A.B., M.D., *Associate in Medicine*  
 James Irving Boyd, M.D., *Lecturer in Medicine*  
 Elizabeth Harman Hill, M.D., *Instructor in Medicine*  
 John Bayne Marbury, M.D., *Clinical Instructor in Medicine*  
 Louis Ross, M.D., *Clinical Instructor in Medicine*  
 James Theodore Burns, M.D., *Clinical Instructor in Medicine*  
 Frederic Dunbar Chapman, A.B., M.D., C.M., *Clinical Instructor in Medicine*  
 Irvin Kerlan, B.S., M.D., C.P.H., *Clinical Instructor in Medicine*  
 Virginia Patterson Beelar, A.B., M.D., *Clinical Instructor in Medicine*  
 Lester Sylvan Blumenthal, A.B., M.D., M.S. in Med., *Clinical Instructor in Medicine*  
 Samuel Jacob Nathan Sugar, Phar.G., M.D., *Clinical Instructor in Medicine*  
 Charles Edward Law, M.D., *Clinical Instructor in Medicine*  
 Joseph Ney, B.S., M.D., *Clinical Instructor in Medicine*  
 Emil Herbert Bauersfeld, A.B., M.D., *Clinical Instructor in Medicine*  
 Henry Dunlop Ecker, B.S., M.D., *Clinical Instructor in Medicine*  
 John Wilmer Latimer, Jr., M.D., *Clinical Instructor in Medicine*  
 Luther Henry Snyder, A.B., M.D., *Clinical Instructor in Medicine*  
 Charles Wilson Jones, A.B., M.D., *Clinical Instructor in Medicine*  
 Joseph Beinstein, A.B., M.D., *Clinical Instructor in Medicine*

- Stanley William Kirstein, M.D., *Clinical Instructor in Medicine*  
 Thomas Joseph Pekin, M.D., *Clinical Instructor in Medicine*  
 Raymond Schwartz, A.B., M.D., *Clinical Instructor in Medicine*  
 Robert George Taylor, M.D., *Clinical Instructor in Medicine*  
 Charles Waters Thompson, M.D., *Clinical Instructor in Medicine*  
 William Frank, M.D., *Clinical Instructor in Medicine*  
 Maurice Franks, M.D., *Clinical Instructor in Medicine*  
 James Walling Long, M.D., *Clinical Instructor in Medicine*  
 Frank Solomon Bacon, B.S., M.D., *Clinical Instructor in Medicine*  
 James Francis Ambury, B.S., M.D., *Clinical Instructor in Medicine*  
 William Otis Bailey, Jr., M.D., *Clinical Instructor in Medicine*  
 Harry Clark Bates, B.S., M.D., *Clinical Instructor in Medicine*  
 Andrew Joseph Brennan, M.D., *Clinical Instructor in Medicine*  
 Robert Lee Brickhouse, B.S., M.D., *Clinical Instructor in Medicine*  
 Robert Norwood Coale, B.S., M.D., *Clinical Instructor in Medicine*  
 Eugene Solomen Gladson, B.S., M.D., *Clinical Instructor in Medicine*  
 Israel Kessler, M.S., M.D., *Clinical Instructor in Medicine*  
 Maurice Mensh, M.D., *Clinical Instructor in Medicine*  
 Francis James Murray, A.B., M.D., *Clinical Instructor in Medicine*  
 Edwin Pearson Parker III, B.S., M.D., *Clinical Instructor in Medicine*  
 Jack Jacob Rheingold, A.B., M.D., *Clinical Instructor in Medicine*  
 Morris Hirsh Rosenberg, A.B., M.D., *Clinical Instructor in Medicine*  
 Jeanne Cecile Bateman, A.B., M.D., *Clinical Instructor in Medicine*  
 John William Du Chez, M.D., *Clinical Instructor in Medicine*  
 Thomas Lees Hartman, A.M., M.D., *Clinical Instructor in Medicine*  
 William Raymond Merchant, A.B., M.D., *Clinical Instructor in Medicine*  
 Boris Rabkin, A.B., M.D., *Clinical Instructor in Medicine*  
 Morton Harold Rose, M.D., *Clinical Instructor in Medicine*  
 George Sharpe, A.B., M.D., *Clinical Instructor in Medicine*  
 Irene Gorski Tamagna, M.D., *Clinical Instructor in Medicine*  
 Warren Daniel Brill, B.S., M.D., *Clinical Instructor in Medicine*  
 Frederick Warren Coe, B.S., M.D., *Clinical Instructor in Medicine*  
 Marvin Fuchs, B.S., M.D., *Clinical Instructor in Medicine*  
 Frank Goodnow MacMurray, A.B., M.D., *Clinical Instructor in Medicine*  
 William Jack Weaver, Jr., A.B., M.D., *Clinical Instructor in Medicine*  
 Ruth Boschwitz Benedict, A.B., M.D., *Clinical Instructor in Medicine*  
 Cyril Augustus Schulman, B.S., M.D., *Clinical Instructor in Medicine*  
 Louis Aleck Craig, Jr., A.B., M.D., *Clinical Instructor in Medicine*  
 Abraham Wolffe Danish, A.B., M.D., *Clinical Instructor in Medicine*  
 Milton Gusack, A.B., M.D., *Clinical Instructor in Medicine*  
 William Lewis, M.D., *Clinical Instructor in Medicine*  
 John Paul Young, M.D., *Clinical Instructor in Medicine*  
 Arthur Rosenbaum, B.S., M.D., *Clinical Instructor in Medicine*



Alvin Seltzer, B.S., M.D., *Clinical Instructor in Medicine*  
 Samuel Dennis Loube, A.B., M.D., *Clinical Instructor in Medicine*  
 Celia White Tabor, A.B., M.D., *Clinical Instructor in Medicine*

- 132 *History of Medicine* The Staff  
 One hour a week.
- 236 *Clinical Microscopy* The Staff  
 Conferences and studies in the clinical application of laboratory examinations of blood, body fluids, exudates, and excreta. Three hours a week.
- 241 *Physical Diagnosis I* The Staff  
 Theoretical considerations of the principles of physical diagnosis. One hour a week.
- 242 *Physical Diagnosis II* The Staff  
 Covers not only theoretical but practical application of principles of physical diagnosis as related to examination of patients. Six hours a week.
- 244 *Introduction to Medicine* The Staff  
 Lectures covering the principles of internal medicine preparatory to clinical studies and training in the inpatient and outpatient services. Four hours a week.
- 320 *Medical Jurisprudence* The Staff  
 Lectures on the legal and ethical rights of physicians, and on the legal problems with which the physician comes in contact. One hour a week for sixteen weeks.
- 325-26 *Clinical Clerkships* The Staff  
 Training with bed patients under individual instruction designed to develop ability in examination of patients and case taking as well as practice in clinical microscopy. Eight weeks.
- 327-28 *Clinical Pathological Conferences I* Brown, Choisser  
 Required in the third year. Correlation of clinical and post-mortem findings: detailed case description from the clinical point of view followed by demonstrations of post-mortem findings. One hour a week.
- 339-40 *Therapeutic Conferences I* Staff of Medicine and Pharmacology  
 Conferences designed to emphasize the application of pharmacological principles to the problems of clinical medicine. One hour a week.
- 349-50 *Medical Conferences* The Staff  
 Two hours a week.
- 421-22 *Outpatient Clinics* The Staff  
 Individual case studies under personal supervision of the Staff. Daily clinics on current medical problems and seminars stressing physiological aspects of diseases. Individual examinations and instruction in medical specialties. University and Emergency hospitals. Eight weeks.

423-24 *Clinical Clerkship*

The Staff

Available at the University, Emergency, Mt. Alto, and Walter Reed hospitals. Eight weeks.

427-28 *Clinical Pathological Conferences II*

Brown, Choisser

Required in the fourth year. Continuation of 327-28. One hour a week, in rotation.

439-40 *Therapeutic*

Staff of Medicine and Pharmacology

*Conferences II*

Continuation of 339-40. One hour a week.

## MILITARY SCIENCE AND TACTICS \*

Joseph Augustine Connor, Jr., M.D., Major, Medical Corps, United States Air Force, *Professor of Military Science and Tactics, Executive Officer*

### 129-30 *Elementary Course, Senior Division ROTC* Connor (First Year)

World situation, national defense, and ROTC (3); military obligations of citizenship (1); organization of the Army (10); organization of the Medical Department (5); courtesies and customs of the Service (2); military law (4); military training (2); medical military history (1); military administration (3); examination and discussion (1).

### 247-48 *Elementary Course, Senior Division ROTC* Connor (Second Year)

World situation, national defense, and ROTC (3); organization and employment of medical service of field army (5); duties of the surgeon (3); medical service, zone of communications (3); medical service, zone of interior (3); medical supply (3); introduction to map reading (4); health and national security (2); first aid, bandaging, and splinting (5); examination and discussion (1).

### 329-30 *Advanced Course, Senior Division ROTC ‡* Connor (First Year)

World situation, national defense, and ROTC (3); military preventive medicine (20); field medicine and surgery (6); army graduate professional education program (1); army career (1); examination and discussion (1).

### 429-30 *Advanced Course, Senior Division ROTC ‡* Connor (Second Year)

World situation, national defense, and ROTC (3); military preventive medicine (11); medical aspects of atomic warfare (2); medical aspects of chemical warfare (2); military psychiatry (5); personnel management (3); military medical research development (3); organized reserve corps (1); mobilization (1); examination and discussion (1).

\* Figures in parenthesis indicate the number of hours devoted to the subject.

‡ Students in the advanced course are selected from those who satisfactorily complete the elementary course, or have one year active federal service.



## NEUROLOGY AND NEUROLOGICAL SURGERY

Walter Freeman, Ph.D., M.D., *Professor of Neurology, Executive Officer*

James Winston Watts, B.S., M.D., *Professor of Neurological Surgery*

Hyman David Shapiro, M.D., *Associate Clinical Professor of Neurology*

Robert Henry Groh, B.S., M.D., *Assistant Clinical Professor of Neurology*

Paul Chodoff, A.B., M.D., *Associate in Neurology*

James Peter Murphy, B.S., M.D., *Associate in Neurological Surgery*

Hugo Victor Rizzoli, A.B., M.D., *Associate in Neurological Surgery*

John McNerney, M.D., *Associate in Neurological Surgery*

Jonathan Marshall Williams, M.D., *Associate in Neurological Surgery*

George Davis Weickhardt, M.D., *Clinical Instructor in Neurology*

Oscar Legault, A.B., M.D., *Clinical Instructor in Neurology*

John William Kemble, A.B., M.D., *Clinical Instructor in Neurology*

Marion Ballard Richmond, B.S., M.D., *Clinical Instructor in Neurology*

Harvey Ammerman, M.D., *Clinical Instructor in Neurosurgery*

249 *Neuropathology (elective)* Freeman, Legault  
Gross and microscopic preparation of human pathology. Lectures and laboratory demonstrations. One hour a week.

250 *Neurology* Freeman, Shapiro  
Introductory lectures on clinical neurology with specimens, lantern slides, and motion pictures. One hour a week.

331 *Neurology and Neurological Surgery* Shapiro, Watts  
Clinical lectures and demonstrations. One hour a week.

333-34 *Neurology and Neurological Surgery, Clinical Clerkship* Freeman and Staff  
Instruction in history, physical examination, ordinary clinical procedures. Attendance at neurological operations. Gallinger Hospital. Six students in rotation, two weeks.

335-36 *Neurological Conference* Freeman and Staff  
Clinical conference one afternoon a week followed by clinicopathologic study of specimens from current necropsies. Gallinger Hospital. Two and one-half hours a week.

431-32 *Neurology and Neurological Surgery Clinic* Rizzoli and Staff  
Neurological outpatient clinic. Consultation of staff on ambulatory cases, demonstration of diagnostic procedures, disposition of neuro-psychiatric cases. University Hospital. Two hours a week.

## OBSTETRICS AND GYNECOLOGY

- John Parks, M.S., M.D., *Professor of Obstetrics and Gynecology, Executive Officer*
- Radford Brown, M.D., *Clinical Professor of Obstetrics and Gynecology*
- Jacob Kotz, M.D., *Clinical Professor of Obstetrics and Gynecology*
- Henry Lauran Darner, A.B., M.D., *Clinical Professor of Obstetrics and Gynecology*
- Herbert Percy Ramsey, A.B., M.D., *Clinical Professor of Obstetrics and Gynecology*
- Charles Henry Nash, Jr., A.B., M.D., *Adjunct Clinical Professor of Obstetrics and Gynecology*
- Robert Henry Barter, M.D., *Associate Professor of Obstetrics and Gynecology*
- George Nordlinger, A.B., M.D., *Associate Clinical Professor of Obstetrics and Gynecology*
- Laurence Lee Cockerille, M.D., *Assistant Clinical Professor of Obstetrics and Gynecology*
- Samuel Mayer Dodek, A.M., M.D., *Assistant Clinical Professor of Obstetrics and Gynecology*
- Russel Jon Jansen, M.D., *Associate in Obstetrics and Gynecology*
- Howard Pope Parker, A.B., M.D., *Associate in Obstetrics and Gynecology*
- Roger O'Donnell, Jr., A.B., M.D., *Associate in Obstetrics and Gynecology*
- Clayton Howard Hixson, M.D., *Associate in Obstetrics and Gynecology*
- Henry John Russell McNitt, B.S. in Med., M.D., *Associate in Obstetrics and Gynecology*
- James Albert Dusbabek, M.D., *Associate in Obstetrics and Gynecology*
- Clarence Kendall Fraser, Ph.B., M.D., *Associate in Obstetrics and Gynecology*
- Barton Winters Richwine, M.D., *Associate in Obstetrics and Gynecology*
- Jeremiah Keith Cromer, M.D., *Associate in Obstetrics and Gynecology*
- Floyd Sterling Rogers, M.D., *Associate in Obstetrics and Gynecology*
- Rufus Martin Roll, A.B., M.D., *Associate in Obstetrics and Gynecology*
- Katherine Elizabeth Parker, A.M., M.D., *Clinical Instructor in Obstetrics and Gynecology*
- William Dandridge Terrell, Jr., M.D., *Clinical Instructor in Obstetrics and Gynecology*

- Julius Robert Epstein, M.D., *Clinical Instructor in Obstetrics and Gynecology*
- Morton Selwyn Kaufman, A.B., M.D., *Clinical Instructor in Obstetrics and Gynecology*
- Caroline Jackson, A.M., M.D., *Clinical Instructor in Obstetrics and Gynecology*
- William Thurston Lady, M.D., *Clinical Instructor in Obstetrics and Gynecology*
- Jed Williams Pearson, Jr., A.B., M.D., *Clinical Instructor in Obstetrics and Gynecology*
- Samuel Hazen Shea, M.D., *Clinical Instructor in Obstetrics and Gynecology*
- Thomas Miles Leonard, Ph.B., M.D., *Clinical Instructor in Obstetrics and Gynecology*
- Albert Seymour Bright, M.D., *Clinical Instructor in Obstetrics and Gynecology*
- Shirley Sue Martin, M.D., *Clinical Instructor in Obstetrics and Gynecology*
- Neel Jack Price, B.S., M.D., *Clinical Instructor in Obstetrics and Gynecology*
- Roland Essig Bieren, M.D., *Clinical Instructor in Obstetrics and Gynecology*
- Alexander Le Sueur Russell, M.D., *Clinical Instructor in Obstetrics and Gynecology*
- Donald Walters, M.D., *Clinical Instructor in Obstetrics and Gynecology*
- Thomas Ashton Wilson, M.D., *Clinical Instructor in Obstetrics and Gynecology*
- Pete Commings, B.S., M.D., *Clinical Instructor in Obstetrics and Gynecology*

54 *Normal Obstetrics*

Fraser, Dodek

Lectures and demonstrations on the physiology and management of normal pregnancy. One hour a week.

337-38 *Abnormal Obstetrics*

Nordlinger, Parks

Lectures and demonstrations on the complications of pregnancy. One hour a week.

343 *Gynecology*

Brown, Barter

Lectures and demonstrations on the principles of gynecology. One hour a week.

344 *Operative Gynecology and Marriage Counseling*

Darner, Ramsey, Nordlinger

Lectures and demonstrations on the principles of operative gynecology, marriage counseling, and planned parenthood. One hour a week.



401-2 *Manikin Demonstrations* . . . . . Lady, Martin, Wilson  
The mechanism of labor and various types of operative delivery demonstrated to sections of the class in weekly sessions.

441-42 *Clinical Obstetrics* . . . . . Parks, Barter  
Senior students participate in prenatal and postnatal clinic care; make postpartum home calls; observe the course of labor and deliver patients under supervision; attend biweekly departmental conferences and daily ward rounds in the University and Gallinger hospitals.

443-44 *Clinical Gynecology* . . . . . Parks, Barter  
Senior students observe and participate in the gynecological work of clinics, operating rooms, and gynecological services of the University and Gallinger hospitals.

## OPHTHALMOLOGY

Ronald Atmore Cox, A.B., M.D., *Professor of Ophthalmology, Executive Officer*

Ernest Alfred Watson Sheppard, M.D., C.M., *Clinical Professor of Ophthalmology*

Richard Wallace Wilkinson, M.S., M.D., *Associate in Ophthalmology*

Carmon Robert Naples, B.S., M.D., *Clinical Instructor in Ophthalmology*

Walter Joseph Romejko, M.D., *Clinical Instructor in Ophthalmology*

William Paxson Chalfant, Jr., M.D., *Clinical Instructor in Ophthalmology*

William Joseph Graham Davis, A.B., M.D., *Clinical Instructor in Ophthalmology*

Robert Edward duPrey, M.S., M.D., *Clinical Instructor in Ophthalmology*

### 351-52 *Ophthalmology*

The Staff

A lecture course presenting the principles of ophthalmology, with special reference to topics of importance to the general practitioner. One hour a week for sixteen weeks.

### 447 *Clinic*

The Staff

During medical outpatient service, each student is given individual instruction in the ophthalmological aspects of systematic disease.

## OTO-RHINO-LARYNGOLOGY

Daniel Bruce Moffett, A.B., M.D., *Professor of Oto-rhino-laryngology, Executive Officer*

William Herndon Jenkins, M.D., *Clinical Professor of Oto-rhino-laryngology*

Leroy Lee Sawyer, Jr., A.B., M.D., *Assistant Clinical Professor of Oto-rhino-laryngology*

Aubrey David Fischer, M.D., *Associate in Oto-rhino-laryngology*

Joel Norton Novick, M.S., M.D., *Clinical Instructor in Oto-rhino-laryngology*

Homer King Vann, A.B., M.D., *Clinical Instructor in Oto-rhino-laryngology*

Catharine Birch, A.B., M.D., *Clinical Instructor in Oto-rhino-laryngology*

James Jerry McFarland, Jr., B.S., M.D., *Clinical Instructor in Oto-rhino-laryngology*

Edward Clifford Jennings, B.S., M.D., *Clinical Instructor in Oto-rhino-laryngology*

Aram Glorig, Jr., M.D., *Clinical Instructor in Oto-rhino-laryngology*

451 *Oto-rhino-laryngology* Moffett, Jenkins  
Lectures and demonstrations on anatomy, physiology, and diseases of the ear, nose, and throat. One hour a week.

454 *Bronchoscopy* Davis  
A series of lectures on the fundamental principles and the use of instruments, including both the bronchoscope and esophagoscope. One hour a week for two weeks.

456 *Clinic* The Staff  
Practical clinical instruction in the diagnosis and treatment of diseases of the ear, nose, and throat. University Hospital. One and one-half hours twice a week.



## PATHOLOGY

Roger Morrison Choisser, B.S., M.D., *Professor of Pathology, Executive Officer*  
 Thomas Martin Peery, A.B., M.D., *Professor of Pathology*  
 Virgil Heath Cornell, M.D., Dr.P.H., *Professorial Lecturer in Pathology*  
 Robert Pelley Hill, B.S., M.D., *Associate Professor of Pathology*  
 Edward Clifford McGarry, A.B., M.D., *Assistant Professor of Pathology*  
 Frank Nelson Miller, B.S., M.D., *Assistant Professor of Pathology*

### SEMINAR LECTURERS

Elson Bowman Helwig, B.S., M.D., *Professorial Lecturer in Pathology*  
 Hans Frank Smetana, M.D., *Professorial Lecturer in Pathology*  
 Henry Rappaport, M.D., *Professorial Lecturer in Pathology*  
 James Earle Ash, Jr., M.D., *Professorial Lecturer in Pathology*  
 Elizabeth Maplesden Ramsey, A.B., M.D., *Professorial Lecturer in Pathology*

#### 259-60 Pathology

Choisser and Staff

Malformations, inflammations, degenerations, and neoplasms; special pathology of the organs and specific diseases. The laboratory work consists of the gross and microscopic study of diseased tissues. Necropsies are held regularly at the University and Gallinger hospitals.

#### 307 Necropsy (elective)

The Staff

Students assist in the performance of necropsies. Fresh gross specimens and microscopic sections from each case are presented at weekly conferences. Current literature relating to cases is reviewed and presented by the students.

#### 327-28 Clinical Pathological Conference

Choisser, Brown

Required in the third and fourth years. Case histories are presented and discussed by members of the staff and student body; necropsy and clinical findings are compared, and gross and microscopic specimens examined. One hour a week.

#### 460 Research (arr.)

Choisser

Open to qualified nonmedical students. Hours and credits to be arranged.

## PEDIATRICS

- Preston Alexander McLendon, B.S., M.D., *Professor of Pediatrics, Executive Officer*  
 Margaret Mary Nicholson, A.B., M.D., *Clinical Professor of Pediatrics*  
 Edward Lewis, M.D., *Clinical Professor of Pediatrics*  
 William Staton Anderson, A.B., M.D., *Clinical Professor of Pediatrics*  
 Leroy Hoeck, M.D., *Adjunct Clinical Professor of Pediatrics*  
 Joseph Michael LoPresti, B.S., M.D., *Assistant Professor of Pediatrics*  
 John Phillip McGovern, B.S., M.D., *Assistant Professor of Pediatrics*  
 Mabel Harlakenden Grosvenor, A.B., M.D., *Assistant Clinical Professor of Pediatrics*  
 John Augustine Washington, A.B., B.S., M.D., *Assistant Clinical Professor of Pediatrics*  
 Aaron Nimetz, A.B., M.D., *Assistant Clinical Professor of Pediatrics*  
 Dorothy Steinle Jaeger-Lee, M.D., *Assistant Clinical Professor of Pediatrics*  
 George Maksim, M.D., M.S. in Ped., *Assistant Clinical Professor of Pediatrics*  
 Reginald Spencer Lourie, M.D., *Associate in Pediatrics—Psychiatry*  
 William Allen Howard, A.B., M.D., *Associate in Pediatrics*  
 Samuel Paul Bessman, M.D., *Associate in Pediatrics*  
 John Howell Peacock, B.S., M.D., *Associate in Pediatrics*  
 Herbert Harold Diamond, M.D., *Clinical Instructor in Pediatrics*  
 Reginald Henry Mitchell, M.D., *Clinical Instructor in Pediatrics*  
 Maynard Irving Cohen, A.B., M.D., *Clinical Instructor in Pediatrics*  
 Mary Katherine Laurence Sartwell, A.B., M.D., *Clinical Instructor in Pediatrics*  
 Charles Frederick Stiegler, A.B., M.D., *Clinical Instructor in Pediatrics*  
 Hugh Gambel Clark, A.B., M.D., *Clinical Instructor in Pediatrics*  
 Herbert Dudley Glick, B.M., M.D., *Clinical Instructor in Pediatrics*  
 Adrian Recinos, Jr., B.S., M.D., *Clinical Instructor in Pediatrics*  
 Allan Bertram Coleman, M.D., *Clinical Instructor in Pediatrics*  
 Bennet Olshaker, A.B., M.D., *Clinical Instructor in Pediatrics*  
 Robert Orr Warthen, M.D., *Clinical Instructor in Pediatrics*

### 256 *Pediatrics*

McLendon and Staff

Lectures on physiology of the newborn, development, infant nutrition, diseases of the newborn, common anomalies and system illnesses of childhood. Medical School. Two hours a week.

### 357-58 *Clinical Clerkship—General Pediatrics*

Nicholson, McGovern, and Staff

General pediatric diseases and the newborn. Emphasis on history

taking and physical examination. Daily ward rounds. Gallinger Municipal Hospital. Five students in rotation, two weeks.

359-60 *Clinical Clerkship—Contagious Diseases* Grosvenor and Staff

Preventive and quarantine measures. Daily ward rounds and conferences. Gallinger Municipal Hospital. Five students in rotation, two weeks.

361-62 *Clinical Conference* McLendon, McGovern, and Staff  
Required in third year. Presentation and discussion of current patient problems. Gallinger Municipal Hospital. One hour a week.

365 *Clinical Conference I* McLendon and Staff  
Required in the third year. Staff and student discussion of diagnosis and management. Medical School. One hour a week.

457-58 *Clinical Clerkship* Anderson, LoPresti, and Staff  
Full time including assignment to night and holiday admissions. Case studies on wards under direct Resident supervision. Ward rounds with Staff and Residents. Childrens Hospital. Twelve students, six weeks.

459-60 *Outpatient Clinics* Washington, LoPresti, and Staff  
Work in Medical and Specialty clinics including surgery, allergy, X-ray, child welfare, cardiology, dermatology, neurology, and child guidance. Childrens Hospital.

461-62 *Clinico-pathological Conference* McLendon, Anderson, and Staff  
Clinical and pathological discussion of recent patient history and laboratory data. Childrens Hospital.

463-64 *Group Conferences* Anderson, LoPresti, and Staff  
Discussion of clinical problems of diagnosis and treatment of current patients. Childrens Hospital. Twice a week.

465 *Clinical Conference II* McLendon and Staff  
Required in the fourth year. Case presentation by fourth-year students. Staff and student discussion of diagnosis and management. Medical School. One hour a week.

466 *Child Guidance and Development* Lourie, Jaeger-Lee  
Lectures to second year class. Clerkship in fourth year including Well Baby Clinic. Group and class conferences.



## PHARMACOLOGY

Paul Kenneth Smith, Ph.D., *Professor of Pharmacology, Executive Officer*

Erwin Ellis Nelson, M.D., Ph.D., *Adjunct Clinical Professor of Pharmacology*

Bernard Beryl Brodie, Ph.D., *Professorial Lecturer in Pharmacology*

\*Edward Lewis Alpen, Ph.D., *Assistant Professor of Pharmacology*

Harold George Mandel, Ph.D., *Assistant Research Professor of Pharmacology*

Pierre Emmanuel Carlo, Ph.D., *Assistant Professor of Pharmacology*

*Master of Arts and Master of Science in the field of Pharmacology (Columbian College).—Prerequisite:* a Bachelor of Arts or Bachelor of Science degree with a major in Chemistry from this University, or the equivalent. The undergraduate program must include the following courses, or the equivalent: *Biology* or *Zoology* 1-2; *Zoology* 41-42; *Physics* 6, 7, 8, 55; *Chemistry* 11-12, 21, 22, 111-12, 151-52, 155, 156. *Biochemistry* 221-22 and *Physiology* 115, 117 are recommended as undergraduate electives if the candidate wishes to complete the work for the Master's degree in one year.

Required: *Biochemistry* 221-22; *Physiology* 115, 117; *Pharmacology* 261, 263, 267-68, 269-70, 299-300. The remaining required courses may be selected from *Biochemistry* 224, 225, 226, 231; *Physiology* 150; *Bacteriology* 112, 209, 230; *Pharmacology* 279-80.

### 261 Pharmacology (5)

The Staff  
Lectures and conferences concerning the interaction of drugs and biological systems as a basis for the rational therapy of disease. Open to qualified nonmedical students. Five hours a week.

### 263 Pharmacology Laboratory (2)

The Staff  
Laboratory instruction and demonstrations designed to complement the above course. Open to qualified nonmedical students. Five hours a week.

### 265 Chemotherapy (1)

The Staff  
Five lectures a week for three weeks. For graduate students. Time to be arranged.

### 267-68 Pharmacological Research (arr.)

The Staff  
Primarily for those properly qualified graduate and medical students seeking careers in pharmacology. Hours and credits to be arranged.

### 269-70 Pharmacology Seminar (1-1)

The Staff  
Recent advances in pharmacology. For those interested in pharmacological research. Open to qualified nonmedical students. Two hours a week.

\* On military leave effective May 1, 1951.

- 279-80 *Special Methods in Research* (arr.) The Staff  
A course to familiarize the student with advanced chemical and physiological methods employed in pharmacological investigations. Open to qualified nonmedical students. Hours and credits to be arranged.
- 299-300 *Thesis* (3-3) The Staff  
Required of Master of Arts and Master of Science candidates.
- 339-40 *Therapeutic Conferences I* Staff of Pharmacology and Medicine  
Conferences designed to emphasize the application of pharmacological principles to the problems of clinical medicine. One hour a week.
- 439-40 *Therapeutic Conferences II* Staff of Pharmacology and Medicine  
Continuation of 339-40. One hour a week.

## PHARMACY

Charles Watson Bliven, M.S., *Professor of Pharmacy, Executive Officer*  
Salvatore Joseph Greco, Ph.D., *Assistant Professor of Pharmacy*  
John Watson Schermerhorn, Ph.D., *Assistant Professor of Pharmaceu-  
tical Chemistry*

---

*macognosy*, *Assistant Professor of Pharmacology and Phar-*

Carson Gray Frailey, A.B., LL.B., *Lecturer on Pharmaceutical Law*  
Harold Jerome Bobys, A.B., C.P.A., *Lecturer on Pharmacy Administra-  
tion*

Charles Byrd Hawthorne, B.S. in Phar., *Lecturer on Pharmacy Man-  
agement*

David Lucian Rice, B.S. in Phar., *Instructor in Hospital Pharmacy*

## SEMINAR LECTURERS

William Paul Briggs, M.S., Sc.D., *Professorial Lecturer on Pharmacy  
Training*

Carson Peter Frailey, Phar.D., Sc.D., *Professorial Lecturer on Indus-  
trial Pharmacy*

Frederick John Cullen, Phar.G., M.D., *Professorial Lecturer on Drug  
Manufacture*

James Albert Horton, LL.B., *Professorial Lecturer on Drug Trade  
Regulations*

John Christian Krantz, Jr., Ph.D., *Professorial Lecturer on Pharma-  
ceutical Research*

Justin Lawrence Powers, Ph.D., *Professorial Lecturer on Official Drug  
Standards*

Robert Lee Swain, Phar.D., LL.B., *Professorial Lecturer on Contem-  
porary Pharmacy*

George Potter Larrick, *Professorial Lecturer on Drug Control*

Robert Philip Fischelis, B.S., Phar.D., Sc.D., *Professorial Lecturer on  
Pharmaceutical Organizations*

Daniel Lamont Seekinger, M.D., Dr.P.H., *Professorial Lecturer on Hy-  
giene and Sanitation*

*Bachelor of Science in Pharmacy (School of Pharmacy).—Prerequisite: the  
Pharmacy curriculum in the Junior College, see page 57. The requirements for  
the degree are stated on pages 125-26.*

*Master of Science in Pharmacy (School of Pharmacy).—Prerequisite: the  
degree of Bachelor of Science from an accredited institution. The requirements  
for the degree are stated on pages 127-29.*



## FIRST GROUP

- 1-2 *History and Literature of Pharmacy* (1-1) Bliven  
Orientation in pharmacy; a survey of the development of the profession of pharmacy and the literature of pharmacy. Morning.
- 21-22 *General Pharmacy* (4-4) Greco, Schermerhorn  
Essential pharmaceutical processes; the theory and manufacture of pharmacopoeial and formulary galenical preparations; the pharmaceutical usage of certain classes of substances and preparations. Laboratory fee, \$15 a term. Lecture (3 hours)—morning; laboratory (6 hours)—afternoon.
- 23 *Pharmacognosy* (3)  
Macroscopic and microscopic. Prerequisite: Botany 1. Laboratory fee, \$9. Lecture (2 hours); laboratory (3 hours)—afternoon.
- 25 *Pharmaceutical Calculations* (3) Bliven  
The system of weights and measures and their application in the practice of pharmacy. Morning.

## SECOND GROUP

- 101 *Inorganic Pharmaceutical Chemistry* (3) Schermerhorn  
Inorganic chemistry as it applies to pharmacy. Study of reactions, preparations, and incompatibilities of inorganic pharmaceuticals. Prerequisite: Chemistry 21. Laboratory fee, \$9. Lecture (2 hours)—morning; laboratory (3 hours)—afternoon.
- 102 *Dispensing Pharmacy* (4) Greco  
Compounding of typical prescriptions and a study of incompatibilities. Prerequisite: Pharmacy 22; concurrent registration: Pharmacy 110. Laboratory fee, \$15. Lecture (2 hours); laboratory (6 hours)—afternoon.
- 103 *Dispensing Pharmacy* (4) Greco  
Continuation of Pharmacy 102. Laboratory fee, \$15. Lecture (2 hours); laboratory (6 hours)—afternoon.
- 105-6 *Pharmacology I* (2-2)  
The general principles of pharmacology; locally acting drugs; chemotherapeutic agents; antibiotics; antianemia drugs; endocrine drugs; vitamins. Prerequisite or concurrent registration: Physiology 115. Morning.
- 107 *Pharmacy Accounting* (3) Bobys  
The financial records required in the operation of a pharmacy. Morning.
- 110 *Chemistry and Pharmacy of Medicinal Products* (3) Schermerhorn  
A study of the chemistry, structural relationship to action, and uses of the official and important non-official synthetic and natural organic medicinal compounds. Prerequisite or concurrent registration: Chemistry 152. Morning.

111 *Chemistry and Pharmacy of Medicinal Products* (3) Schermerhorn

A continuation of Pharmacy 110, including laboratory work on the syntheses, chemical and physical properties, and incompatibilities of important organic medicinal products. Prerequisite: Pharmacy 110. Laboratory fee, \$12. Lecture (2 hours)—morning; laboratory (3 hours)—afternoon.

165-66 *Pharmacology II* (3-3)

Drugs acting on the central nervous system, the autonomic nervous system, and on specific tissues; toxicology; diagnostic drugs; biological assays. Prerequisite: Physiology 115 and 117; Pharmacy 106. Pharmacy 166, laboratory fee, \$15. Fall term: morning. Spring term: lecture (2 hours)—morning; laboratory (3 hours)—afternoon.

167-68 *Pharmacology III* (3-3)

Laboratory work in pharmacological technique. Prerequisite: Pharmacy 106. Prerequisite or concurrent registration: Pharmacy 165. Laboratory fee, \$15 a term. Time to be arranged.

172 *Advanced Dispensing Pharmacy* (3) Greco

The study of special problems in dispensing pharmacy. Prerequisite: Pharmacy 103. Laboratory fee, \$15. Time to be arranged.

173 *Quantitative Pharmaceutical Analysis* (3) Schermerhorn, Bliven

Drug analysis. Prerequisite: Chemistry 22. Laboratory fee, \$15. Lecture (1 hour); laboratory (6 hours). Time to be arranged.

176 *Pharmaceutical Law* (2) C. G. Frailey

Morning.

178 *Pharmacy Management* (3) Hawthorne

Policies and operations relating to the management of a pharmacy. Morning.

182 *Advanced Pharmacology I* (2)

Special problems in the field of pharmacology. Prerequisite or concurrent registration: Pharmacy 166. Time to be arranged.

188 *Survey* The Staff

A symposium covering the various phases of pharmacy. Required of all majors in Pharmacy. No academic credit. Tuition fee, \$12. Morning.

192 *Hospital Pharmacy* (2) Rice

Organization and function of hospitals; organization and operation of a hospital pharmacy; professional and sickroom supplies; prescription practice in the University Hospital pharmacy. Prerequisite: Pharmacy 103. Laboratory fee, \$3. Lecture (1 hour)—morning; laboratory (3 hours)—time to be arranged.

194 *Manufacturing Pharmacy* (3) Rice

The manufacture of bulk pharmaceuticals in the University Hospital pharmacy. Elective for seniors. Laboratory fee, \$6. Lecture (1 hour)—afternoon; laboratory (6 hours)—time to be arranged.

## THIRD GROUP \*

- 201-2 *Survey of Pharmaceutical Literature (1-1)*  
Assigned library research on the development of pharmaceutical literature.
- 203-4 *Special Problems in General Pharmacy (2-2)*  
Investigations of problems involved in the manufacture of pharmaceutical preparations on a laboratory scale. Laboratory fee, \$15 a term.
- 206 *Pharmaceutical Technology (4)*  
A study of advanced manufacturing pharmacy, including formula development for the different types of preparations. Laboratory fee, \$15. Lecture (2 hours); laboratory (6 hours).
- 215-16 *Advanced Pharmacology II (3-3)*  
Special studies on biological assay methods. Laboratory fee, \$15 a term. Lecture (1 hour); laboratory (6 hours).
- 221-22 *Chemistry of Naturally Occurring Organic Medicinal Products (5-5)*  
A study of the isolation, chemistry, and relationship between the constitution and physiologic action of alkaloids, fats and steroids, terpenes, carbohydrates, glycosides, and the various biological products. Laboratory fee, \$15 a term. Lecture (3 hours); laboratory (6 hours).
- 223-24 *Chemistry of Synthetic Organic Medicinal Products (5-5)*  
A study of the chemistry and relationship between the structure and physiologic action of hydrocarbons and their derivatives, nitrogen compounds, oxygen compounds, sulfur compounds, and organo-metallic compounds. Laboratory fee, \$15 a term. Lecture (3 hours); laboratory (6 hours).
- 225 *Determination of Physical Constants (2)*  
A laboratory and lecture study of the determination of physical constants of medicinal products. Laboratory fee, \$15. Lecture (1 hour); laboratory (3 hours).
- 227 *Food and Drug Analysis (4)*  
A study of the composition of some common foods and food products. Laboratory fee, \$15. Lecture (2 hours); laboratory (6 hours).
- 231 *Pharmacology of Anesthetic Drugs (4)*  
Theoretical consideration of the principles of anesthesiology and laboratory study of the action of anesthetic drugs. Laboratory fee, \$15.
- 234 *Pharmacology of Autonomic Drugs (4)*  
A study of action and interaction of drugs principally influencing the autonomic nervous system. Laboratory fee, \$15.

\* The graduate courses, which are listed in the third group, will not be offered until September 1952.



**236 *Experimental Toxicology* (4)**

Pharmacological action of toxic drugs correlated with chemical and pathological studies. Laboratory fee, \$15.

**251-52 *Graduate Seminar* (1-1)**

Current problems and trends in pharmacy. Required of all students registered for the Master's degree.

**295-96 *Research* (arr.)**

Investigations of special problems in the major field of study. Credits and fees to be arranged.

**299-300 *Thesis* (3-3)**

Laboratory fee, \$15 a term.

## PHILOSOPHY

\*Charles Edward Gauss, Mus.B., Ph.D., *Elton Professor of Philosophy*  
 Mary Carman Rose, Ph.D., *Assistant Professor of Philosophy, Acting Executive Officer*

*Bachelor of Arts with a major in Philosophy (Columbia College—Field-of-Study).*—Prerequisite: the Arts and Letters curriculum in the Junior College, including Philosophy 51-52, see page 56. Required: in addition to the general requirements stated on pages 71-74, the grade of pass for the Philosophy major examination at the end of the senior year. The coordinated knowledge upon which the student will be examined is summarized under the following general headings: (1) history of philosophy, (2) logic and theory of knowledge, (3) social philosophy. The Department of Philosophy provides a proseminar (Philosophy 199-200) intended to assist the student in preparing himself for his major examination.

*Master of Arts in the field of Philosophy (Columbia College).*—Prerequisite: an undergraduate major in Philosophy at this University or the equivalent, as attested by the passing of this University's major examination in Philosophy. The following specific courses or the equivalent: Philosophy 111-12, 113, 121-22, and 131. Required: the general requirements as stated on pages 78-80. As much as possible of the required twenty-four credit hours of required courses should be in third-group courses. Students electing second-group courses are expected to do more intensive work than is demanded of undergraduates. A general written examination on the problems of the field of Philosophy and a departmental oral examination are required.

### FIRST GROUP

- 51-52 *Introduction to Philosophy (3-3)* The Staff  
 A critical introduction to the problems of modern philosophy in relation to scientific and social developments since the Renaissance. Morning and evening sections. (Also offered 1951 summer term.)

### SECOND GROUP

- 111-12 *History of Philosophy (3-3)* \_\_\_\_\_  
 History of western philosophy from Thales to Kant. Evening.
- 113 *History of Nineteenth and Twentieth Century Philosophy (3)* Gauss  
 Continuation of Philosophy 111-12. Prerequisite: Philosophy 111-12, 1952-53 and alternate years.
- 121-22 *Logic and Scientific Method (3-3)* Rose  
 The study of formal logic and the means of investigation and description employed in the sciences; theory of scientific inference and prediction. Evening.

\* On leave of absence 1951-52.

- 131 *Ethics* (3) Rose  
An examination of ethical theories, the relation of ethics to social science and psychology. Morning.
- 142 *Metaphysics* (3) Rose  
The problems of metaphysics in the light of their development in contemporary forms. 1952-53 and alternate years.
- 162 *Aesthetics* (3) Gauss  
The problems of appreciation and judgment in the arts, and of theories of the process of artistic creation. Emphasis on contemporary arts and criticism. 1952-53 and alternate years.
- 171 *American Philosophy to 1870* (3) \_\_\_\_\_  
Philosophy in America from the Puritans to the St. Louis School. Summer term 1951.
- 172 *American Philosophy Since 1870* (3) Rose  
A general history of philosophy in the United States since 1870 and its relation to European thought. Morning.
- 180 *Philosophy of History* (3) Gauss  
Problems of historical knowledge and explanation. Critique of philosophies of history. (Not offered in 1951-52.)
- 193 *Topics in Contemporary Philosophy* (3) Gauss  
Intensive study of selected topic of moment. (Not offered in 1951-52.)
- 199-200 *Proseminar: Readings for the Major* (3-3) Rose  
Conferences and group discussions. Evening.

## THIRD GROUP

- 201-2 *Readings and Research* (3-3) The Staff  
Advanced readings and reports. Investigation of special problems. Time to be arranged.
- 211-12 *Seminar in Plato and Aristotle* (3-3) The Staff  
1952-53 and alternate years.
- 213-14 *Seminar in Seventeenth Century Philosophy* (3-3) The Staff  
(Not offered in 1951-52.)
- 216 *Seminar in Kant* (3) \_\_\_\_\_  
(Not offered in 1951-52.)
- 299-300 *Thesis* (3-3) The Staff



## PHYSICAL EDUCATION FOR MEN \*

William Henry Myers, A.M., *Professor of Physical Education for Men, Executive Officer*

Cecil Wentworth Morgan, Ph.D. *Professorial Lecturer in Physical Education*

Joseph Henry Krupa, M.S., *Associate Professor of Physical Education for Men*

Raymond George Hanken, B.S. in P.E., *Assistant Professor of Physical Education for Men*

Vincent James DeAngelis, B.S. in P.E., A.M. in Ed., *Assistant Professor of Physical Education for Men*

William Jennings Reinhart, B.B.A., *Associate in Physical Education for Men*

John Howell Rowland, LL.B., *Associate in Physical Education for Men*

Eugene Hugh Sherman, Sr., B.S., *Associate in Physical Education for Men*

Matthew Zunic, B.S., *Associate in Physical Education for Men*

This Department includes all the recognized athletic activities of the men students of the University.

Two years of Physical Education (Physical Education 1-2 and 11-12) are required of all men for graduation, except those students exempt under the regulations stated on page 39.

Upon entering the University, all freshmen or other undergraduate students who have not fulfilled the Physical Education requirement are given a medical examination. Assignments for medical examinations will be given at the time of registration. The students who satisfy the requirements of the medical examination are then given a physical efficiency test in the general bodily skills of agility, endurance, and strength; and in swimming. If the physical efficiency test is passed, the student may elect from the following list of activities:

Setting-up Exercises (stretching exercises)

Body Building Exercises (gymnastic apparatus and weight lifting skills)

Competitive Exercises (modified games and sports)

Swimming Exercises (distance, speed, and life saving)

If the physical efficiency test is not passed, the student will be assigned to a class for training in the above activities in the order listed.

The Department furnishes gymnasium uniforms and personal equipment upon a small payment.

*Bachelor of Science in Physical Education (School of Education).*—Prerequisite: the Physical Education for Men curriculum in the Junior College, see page 59. The requirements for the degree are stated on pages 135-36.

*Master of Arts in Education in the field of Physical Education (School of Education).*—Prerequisite: a Bachelor's degree from an accredited institution. The requirements for the degree are stated on pages 145-46.

\* The University is not responsible for injuries received in intercollegiate or intramural games, or in any of the activities of the departments of Physical Education.

## FIRST GROUP

- 1-2 *Freshman Physical Education\** (2-2) The Staff  
Four periods of supervised activity a week. Locker and towel fee, ‡ \$3 a term. Assignment for activities and time to be arranged.
- 11-12 *Sophomore Physical Education\** (2-2) The Staff  
Four periods of supervised activity a week. Locker and towel fee, ‡ \$3 a term. Assignment for activities and time to be arranged.
- 43-44 *Techniques of Physical Education Motor Activities* (2-2) The Staff  
Fundamental skills, rules, and organization. Locker and towel fee, ‡ \$3 a term. Morning and afternoon sections.
- 45-46 *Methods of Teaching Physical Education Activities for Secondary Schools I* (2-2) The Staff  
Methods and materials for teaching (1) recreational dance—folk, square, and social dance; (2) individual and dual sports—tennis, golf, archery, swimming, badminton, bowling. Locker and towel fee, ‡ \$3 a term. Afternoon.
- 47 *Introduction to Physical Education* (2) Myers  
An orientation course presenting the problems of physical education, vocational analysis, scientific foundations, and scope of field. Morning.
- 48 *Introduction to Recreation* (2) Myers  
The role of recreation in modern living; current practices in community recreation work; standards of training, experience, and salary; types of leadership needed. Time to be arranged.
- 49 *Human Anatomy* (3) Tate  
The structure of the human body. Basic course for physical education majors. Also open to both men and women not majoring in Physical Education. Prerequisite: Biology 1-2 or Zoology 1-2. Morning.
- 50 *Kinesiology* (3) Tate  
A study of the anatomical mechanism of movement, analysis of the action of muscles in physical education activities. Prerequisite: an approved course in anatomy. Morning.
- 51-52 *Physical Education in the Elementary School* (2-2) Atwell, Burtner  
Physical growth and development of the child and adolescent. Survey of age characteristics and organization of physical education activities for the various age levels in elementary school, playground, and settlement house programs. Methods and materials in tumbling, games, rhythms, and self-testing activities. Afternoon.

\* Freshmen and sophomores in the School of Engineering and the School of Pharmacy are required to take two, instead of four, periods of Physical Education a week for which they receive one, instead of two, credits a term.

‡ The locker and towel fee is required for registration in one or more of the activity courses.

- 58 *First Aid and Care of Athletic Injuries* (2) Myers, Lawrence

Prevention and emergency care of injuries of all types, with special reference to first aid, bandaging, and massage. A practical course. Prerequisite: Biology 1-2 or Zoology 1-2. Afternoon.

## SECOND GROUP

- 103 *History and Principles of Physical Education* (3) Atwell  
Survey of history as it relates to contemporary physical education. Study of aims, objectives, and philosophy of physical education. Morning.

- 105-6 *Corrective Physical Education and Physical Examinations* (3-3) Lawrence

Cause and correction of faulty body mechanics, physical examination methods for the diagnosis of postural defects, prescription of exercises and program adaptation. Prerequisite: Biology 1-2 or Zoology 1-2. Morning.

- 109-10 *Leadership Organization in the Intramural Program* (2-2) Krupa

Principles of administration, organization, and supervision of intramural activities in the physical education program of the junior high school, senior high school, and college. Afternoon.

- 113-14 *Methods and Practice in Teaching Physical Education Activities* (2-2) The Staff

Principles and methods applied to learning and teaching physical education activities. Supervised laboratory. Morning and afternoon sections.

- 115-16 *Methods of Teaching Physical Education Activities for Secondary Schools II* (2-2) The Staff

Locker and towel fee,\* \$3 a term. Section A (women): modern dance; team sports—field hockey, basketball, softball, soccer, speedball, volleyball. Afternoon. Section B (men): Sports—football, basketball, baseball, track and field. Afternoon.

- 121 *School and Community Health Programs* (3) Lawrence  
Health services, healthful environment, health instruction, sources of material for general health knowledge. Prerequisite: Biology 1-2 or Zoology 1-2. Morning.

- 122 *Methods and Materials of Health Education* (3) Atwell  
Organization and presentation of health materials for each age level. Prerequisite: Biology 1-2 or Zoology 1-2. Morning.

- 131 *Tests and Measurements in Physical Education* (3) Atwell

Critical survey of tests in physical activities, methods of test construction, elementary statistics. Morning.

\* The locker and towel fee is required for registration in one or more of the activity courses.



- 132 *Camp Leadership* (1)** Atwell  
Survey course in camp counseling. Afternoon.
- 133-34 *Observation and Practice Teaching* (3-3)** Atwell, Myers  
Assignments are made to schools in Washington and the vicinity. Practice teaching fee, \$9 a credit hour. Time to be arranged.
- 136 *Survey of Dance History and Dance Forms* (3)** Burtner  
The development of dance from primitive ritual to present day recreational and art forms of the dance. Includes ethnologic dance, practice and discussion of fundamental movement techniques and composition. Evening.
- 138 *Organization and Administration of Physical Education* (3)** Atwell, Myers  
Organization and administration of physical education programs in elementary and secondary schools and in colleges. Study of plants, fields, equipment, and programs. Morning.
- 151-52 *Group Leadership Activities I* (3-3)**  
Fall term: groups and their significance, group work principles and methods, professional and volunteer leaders, organization and development programs. Spring term: application to social-recreational activities. 1951-52 and alternate years, evening.
- 153-54 *Group Leadership Activities II* (3-3)**  
Fall term: organization and direction of physical recreation programs. Spring term: organization and direction of special recreational activities, such as arts and crafts, dramatics, group singing, and nature walks. 1952-53 and alternate years, evening.
- 161 *Community Organization for Recreation* (3)**  
Resources, principles, and methods in organizing community recreation services. 1952-53 and alternate years, evening.
- 162 *Administration and Supervision of Recreation* (3)**  
Factors and problems in administering recreation including surveys, legislation, program, area, facilities, leadership, finance, and public relations. 1952-53 and alternate years, evening.

### THIRD GROUP

- 211 *Problems in Physical Education* (3)**  
For experienced teachers. Organization, supervision, and curriculum problems growing out of current issues; program planning policies; competition. 1952-53 and alternate years, evening.
- 220 *Problems in Health Education* (3)**  
Health needs; policies and program planning; use of community resources; promising practices in the field. 1952-53 and alternate years, evening.

- 231 *Evaluation in Physical Education* (3) Phillips  
Planning the evaluation program; review of outcomes; analysis of tests and standards; administration and interpretation of tests; guidance. 1951-52 and alternate years, evening.
- 240 *Physical Education for the Atypical* (3) Morgan  
Adaptations of activities to meet the special needs of students with physical disabilities resulting from such conditions as postural deviations, cardiac irregularities, operations, and poliomyelitis. 1951-52 and alternate years, evening.

## PHYSICAL EDUCATION FOR WOMEN \*

Ruth Harriet Atwell, A.M., *Professor of Physical Education for Women, Executive Officer*

Bernath Eugene Phillips, Ph.D., *Professorial Lecturer in Physical Education*

Helen Bennett Lawrence, A.M., *Associate Professor of Physical Education for Women*

Elizabeth Burtner, A.M., *Associate Professor of Physical Education for Women*

Marjorie Tate, A.M., *Assistant Professor of Physical Education for Women*

Nancy Carolyn Rupp, B.S., *Instructor in Physical Education for Women*

Helen Taylor Harris, A.M., *Associate in Physical Education for Women*

Two years of Physical Education (Physical Education 1-2 and 11-12) are required of all women for graduation, except of students exempt under the regulations stated on page 39. In the fall a complete medical and physical examination is given each student for the purpose of discovering individual needs. Those students whose examinations indicate the desirability of remedial or restricted activity are assigned to a program especially adapted to their needs. This limited program includes moderate sports and individual exercises in small groups under careful supervision.

The required costume for Physical Education classes may be purchased at the Cooperative Store.

*Bachelor of Science in Physical Education (School of Education).*—Prerequisite: the Physical Education for Women curriculum in the Junior College, see page 59. The requirements for the degree are stated on pages 136-37.

*Master of Arts in Education in the field of Physical Education (School of Education).*—Prerequisite: a Bachelor's degree from an accredited institution. The requirements for the degree are stated on pages 145-46.

### FIRST GROUP

#### 1-2 *Freshman Physical Education (1-1)*

The Staff

One period of fundamentals of health, physical education, and recreation, and two periods of activity a week.

Fundamentals of health, physical education, and recreation: study of the factors involved in the maintenance of health and in the efficient use of the body, and practice in activities adapted for leisure time. Morning and afternoon sections.

Activities: riding, field hockey, folk and square dance, modern dance, bowling, roller skating, basketball, badminton, individual body mechanics, swimming, tennis, softball, archery, golf, canoeing. Locker and towel fee, ‡ \$3 a term. Morning and afternoon sections.

\* The University is not responsible for injuries received in intercollegiate or intramural games, or in any of the activities of the departments of Physical Education.

‡ The locker and towel fee is required for registration in one or more of the activity courses.



- 11-12 *Sophomore Physical Education (1-1)* The Staff  
Activities: same as Physical Education 1-2. Locker and towel fee,\* \$3 a term. Two periods a week; morning and afternoon sections.
- 43-44 *Techniques of Physical Education Motor Activities (2-2)* The Staff  
Fundamental skills, rules, and organization. Locker and towel fee,\* \$3 a term. Morning and afternoon sections.
- 45-46 *Methods of Teaching Physical Education Activities for Secondary Schools I (2-2)* The Staff  
Methods and materials for teaching (1) recreational dance—folk, square, and social dance; (2) individual and dual sports—tennis, golf, archery, swimming, badminton, bowling. Locker and towel fee,\* \$3 a term. Afternoon.
- 47 *Introduction to Physical Education (2)* Myers  
An orientation course presenting the problems of physical education, vocational analysis, scientific foundations, and scope of field. Morning.
- 48 *Introduction to Recreation (2)* Myers  
The role of recreation in modern living; current practices in community recreation work; standards of training, experience, and salary; types of leadership. Time to be arranged.
- 49 *Human Anatomy (3)* Tate  
The structure of the human body. Basic course for physical education majors. Also open to both men and women not majoring in Physical Education. Prerequisite: Biology 1-2 or Zoology 1-2. Morning.
- 50 *Kinesiology (3)* Tate  
A study of the anatomical mechanism of movement, analysis of the action of muscles in physical education activities. Prerequisite: an approved course in anatomy. Morning.
- 51-52 *Physical Education in the Elementary School (2-2)* Atwell, Burtner  
Physical growth and development of the child and adolescent. Survey of age characteristics and organization of physical education activities for the various age levels in elementary school, playground, and settlement house programs. Methods and materials of tumbling, games, rhythms, and self-testing activities. Afternoon.
- 58 *First Aid and Care of Athletic Injuries (2)* Myers, Lawrence  
Prevention and emergency care of injuries of all types, with special reference to first aid, bandaging, and massage. A practical course. Prerequisite: Biology 1-2 or Zoology 1-2. Afternoon.

\* The locker and towel fee is required for registration in one or more of the activity courses.

## SECOND GROUP

- 103 *History and Principles of Physical Education* (3) Atwell  
Survey of history as it relates to contemporary physical education. Study of aims, objectives, and philosophy of physical education. Morning.
- 105-6 *Corrective Physical Education and Physical Examinations* (3-3) Lawrence  
Cause and correction of faulty body mechanics, physical examination methods for the diagnosis of postural defects, prescription of exercises and program adaptation. Prerequisite: Biology 1-2 or Zoology 1-2. Morning.
- 109-10 *Leadership Organization in the Intramural Program* (2-2) Krupa  
Principles of administration, organization, and supervision of intramural activities in the physical education program of the junior high school, senior high school, and college. Afternoon.
- 113-14 *Methods and Practice in Teaching Physical Education Activities* (2-2) The Staff  
Principles and methods applied to learning and teaching physical education activities. Supervised laboratory. Morning and afternoon sections.
- 115-16 *Methods of Teaching Physical Education Activities for Secondary Schools II* (2-2) The Staff  
Section A (women): modern dance; team sports—field hockey, basketball, softball, soccer, speedball, volleyball. Afternoon. Section B (men): Sports—football, basketball, baseball, track and field. Locker and towel fee,\* \$3 a term. Afternoon.
- 121 *School and Community Health Programs* (3) Lawrence  
Health services, healthful environment, health instruction, sources of material for general health knowledge. Prerequisite: Biology 1-2 or Zoology 1-2. Morning.
- 122 *Methods and Materials of Health Education* (3) Atwell  
Organization and presentation of health materials for each age level. Prerequisite: Biology 1-2 or Zoology 1-2. Morning.
- 131 *Tests and Measurements in Physical Education* (3) Atwell  
Critical survey of tests in physical activities, methods of test construction, elementary statistics. Morning.
- 132 *Camp Leadership* (1) Atwell  
Survey course in camp counseling. Afternoon.

\* The locker and towel fee is required for registration in one or more of the activity courses.

133-34 *Observation and Practice Teaching* Atwell, Myers  
(3-3)

Assignments are made to schools in Washington and the vicinity. Practice teaching fee, \$9 a credit hour. Time to be arranged.

136 *Survey of Dance History and Dance Forms* (3) Burtner  
The development of dance from primitive ritual to present day recreational and art forms of the dance. Includes ethnologic dance, practice and discussion of fundamental movement techniques and composition. Evening.

138 *Organization and Administration of Physical Education* (3) Atwell, Myers

Organization and administration of physical education programs in elementary and secondary schools and in colleges. Study of plants, fields, equipment, and program. Morning.

151-52 *Group Leadership Activities I* (3-3)

Fall term: groups and their significance, group work principles and methods, professional and volunteer leaders, organization and development programs. Spring term: application to social and recreational activities. 1951-52 and alternate years, evening.

153-54 *Group Leadership Activities II* (3-3)

Fall term: organization and direction of physical recreation programs. Spring term: organization and direction of special recreational activities, such as arts and crafts, dramatics, group singing, and nature walks. 1952-53 and alternate years, evening.

161 *Community Organization for Recreation* (3)

Resources, principles, and methods in organizing community recreation services. 1952-53 and alternate years, evening.

162 *Administration and Supervision of Recreation* (3)

Factors and problems in administering recreation including surveys, legislation, program, area, facilities, leadership, finance, and public relations. 1952-53 and alternate years, evening.

THIRD GROUP

211 *Problems in Physical Education* (3)

For experienced teachers. Organization, supervision, and curriculum problems growing out of current issues; program planning policies; competition. 1952-53 and alternate years, evening.

220 *Problems in Health Education* (3)

Health needs, policies and program planning, use of community resources, promising practices in the field. 1952-53 and alternate years, evening.



- 231 *Evaluation in Physical Education* (3) Phillips  
Planning the evaluation program, review of outcomes, analysis of tests and standards, administration and interpretation of tests, guidance. 1951-52 and alternate years, evening.
- 240 *Physical Education for the Atypical* (3) Morgan  
Adaptations of activities to meet the special needs of students with physical disabilities resulting from such conditions as postural deviations, cardiac irregularities, operations, and poliomyelitis. 1951-52 and alternate years, evening.

## PHYSICAL MEDICINE AND REHABILITATION

Charles Samuel Wise, B.S., M.D., *Professor of Physical Medicine and Rehabilitation, Executive Officer*

Josephine Jordan Buchanan, A.M., M.D., *Assistant Clinical Professor of Physical Medicine and Rehabilitation*

Alvin Knudson, B.S., M.D., *Associate in Physical Medicine and Rehabilitation*

John Herman Kuitert, A.B., M.D., *Associate in Physical Medicine and Rehabilitation*

Jasper Wayne McFarland, B.S., M.D., *Clinical Instructor in Physical Medicine and Rehabilitation*

Dorothy Emily Voss, Ed.B., R.P.T.T., *Assistant in Physical Medicine and Rehabilitation*

Marjorie Katherine Ionta, B.S., *Assistant in Physical Medicine and Rehabilitation*

### 150 *Elements of Physical Medicine*

The Staff

In arrangement with the Anatomy Department, lectures and demonstrations of the various tests and measurements are employed in the evaluation of physical disability. Emphasis is placed on normal and abnormal peripheral nerve testing (electrodiagnosis), muscle testing, joint range, and other physical disability measurements.

### 351-52 *Advanced Physical Medicine*

The Staff

Lectures and demonstrations concerning the various techniques, clinical applications of physical medicine and rehabilitation to be integrated with the teaching of the associated medical and surgical specialties.

### 467-68 *Clinical Studies*

The Staff

Clinical teaching and demonstration at the University Hospital.

### 485 *Research (arr.)*

The Staff

Open to medical students and qualified nonmedical students. Hours and credits to be arranged.

## PHYSICS

Thomas Benjamin Brown, Ph.D., *Professor of Physics, Executive Officer*  
 Walter Lynn Cheney, Ph.D., *Professor of Physics*  
 George Gamow, Physics D., *Professor of Theoretical Physics*  
 George Martin Koehl, A.M., *Associate Professor of Physics*  
 Robert Randal Meijer, Ph.D., *Associate Professor of Physics*  
 Arthur Castner Christman, Jr., M.S., *Instructor in Physics*  
 \*William Franklin Heckert, M.S., *Instructor in Physics*  
 \_\_\_\_\_, *Instructor in Physics*

Charles Ravitsky, M.S. in Ed., *Associate in Physics*  
 Albert Prentice Kenyon, A.M., *Associate in Physics*  
 Philip Krupen, A.M., *Associate in Physics*  
 John Newell Tevis, A.M., *Associate in Physics*  
 DeWitt Fisher, A.M., *Associate in Physics*  
 Walter Louis Asling, A.M., *Associate in Physics*

*Bachelor of Arts and Bachelor of Science with a major in Physics (Columbia College—Departmental).*—Prerequisite: the Arts and Letters or the Science curriculum, respectively, in the Junior College, see pages 56–57. The following courses must be included: Physics 6, 7, 8, and 55; Chemistry 21; Mathematics 19 and 20.

Required, for both the Bachelor of Arts degree and the Bachelor of Science degree: the general requirements as stated on pages 71–74, including Mathematics 132 and Physics 101, 102, 105, 106, and 113, plus one of the following: Physics 114, 123, 128, and 132.

*Master of Arts and Master of Science in the field of Physics (Columbia College).*—Prerequisite: a Bachelor of Arts or Bachelor of Science degree, respectively, with a major in Physics at this University, or the equivalent. Required: the general requirements as stated on pages 78–80. The thirty hours of required work must include Mathematics 171 (if not taken earlier) and Physics 211–12 and 255.

*Bachelor of Science in Engineering with an option in Physics (School of Engineering).*—For requirements, see pages 116, 120–21.

*Bachelor of Arts in Education with a teaching field in Physics (School of Education).*—Prerequisite: the Education curriculum, page 58. Required: the Physics option, page 142, and the professional courses listed on page 144.

### FIRST GROUP

#### 5 General Physics (3)

Koehl and Staff

An introduction to the phenomena of light, heat, force, energy, and the properties of matter. This course may be taken as a terminal course by non-science students who wish an introduction to the physical sciences. Prerequisite: high school algebra and plane geometry. Material fee, \$9. Lecture (1 hour); recitation (1 hour); laboratory (2½ hours). Morning, afternoon, and evening sections.

\* On military leave effective June 1, 1951.



Physics 5x—same as Physics 5, but offered spring term. Lecture (1 hour)—morning and evening sections; recitation (1 hour)—morning, afternoon, and evening sections; laboratory (2½ hours)—morning, afternoon, and evening sections.

6 *General Physics* (3)

Cheney and Staff

Mechanics, wave-motion, sound, and optical instruments. Offered spring term. Prerequisite: Physics 5\*; high school algebra and plane geometry. Material fee, \$9. Lecture (1 hour); recitation (1 hour); laboratory (2½ hours). Morning, afternoon, and evening sections. (Also offered 1951 summer term.)

7 *General Physics* (3)

Meijer and Staff

Elementary electricity and magnetism. Offered fall term. Prerequisite: Physics 5\*; high school algebra and plane geometry. Material fee, \$9. Lecture (1 hour); recitation (1 hour); laboratory (2½ hours). Morning, afternoon, and evening sections. (Also offered 1951 summer term.)

8 *General Physics* (3)

Meijer and Staff

This course is the fourth in the sequence of courses 5, 6, 7, and 8, and emphasizes the connection between the fundamental principles studied in courses 5, 6, and 7, and the phenomena and theories of modern physics. Topics considered include electromagnetic waves (light, radio, and X-rays), atomic and molecular structure, radioactivity, nuclear physics, the quantum theory of matter and radiation, and the elementary particles such as electrons, protons, neutrons, and mesons. Prerequisite: Physics 6 and 7. Morning and evening sections. (Also offered 1951 summer term.)

55 *Physical Measurements* (2)

Cheney and Staff

Theory and methods of precise measurement in the several fields of physics. Prerequisite: Physics 6 and 7, and Mathematics 19. Material fee, \$9. Lecture (1 hour); laboratory (2½ hours)—afternoon, and evening sections.

SECOND GROUP

101 *Mechanics* (3)

Koehl

Statics, elasticity, dynamics of solids and fluids, and gravitation. Prerequisite: Physics 6; Mathematics 20. Evening.

102 *Heat and Thermodynamics* (3)

Cheney

Thermometry, calorimetry, heat conduction, the laws of thermodynamics with application to physical systems. Prerequisite: Physics 8; Mathematics 20. Evening.

105 *Principles of Electricity* (3)

Cheney

Fundamental phenomena of electricity and magnetism; circuit theory, including elementary alternating-current circuits, terrestrial magnetism; atmospheric electricity. Prerequisite: Physics 8; Mathematics 20. Morning.

\* This prerequisite may be waived for students who have credit for a high school Physics course which included individual laboratory work, providing they pass the qualifying examination given at the dates specified in the University calendar.

- 106 Optics (3)** Koehl  
Geometrical optics; elementary theory of wave motions; interference, diffraction, polarization, and dispersion of light; laws of black-body radiation. Prerequisite: Physics 8; Mathematics 20. Morning.
- 110 Philosophical Foundations of Modern Physics (3)** Gamow  
A non-mathematical treatment. Einstein's ideas of space, time, and motion; the expanding universe; quantum theories concerning the structure of matter; protons, neutrons, mesons, and other elementary particles; the principle of uncertainty; statistical methods of physics; application of physics to the problems of living matter. Prerequisite: high school algebra and one year of college science. Not open to majors in physics or chemistry. 1951-52 and alternate years, evening.
- 113 Atomic Physics (3)** Meijer  
Properties of the electron and the other fundamental particles of physics; the photoelectric effect; X-rays and crystal structure; wave aspects of particles; elements of the quantum theory; atomic spectra and atomic structure. Prerequisite: Physics 8; Mathematics 20. Morning.
- 114 Statistical Physics (3)** Meijer  
Introduction to the applications of both classical and quantum statistics to the physics of solids, liquids, and gases. Topics discussed include fluctuations in gases and liquids, equipartition of energy, specific heats of solids, and experimental errors. Prerequisite: Physics 113. Morning.
- 123 Nuclear Physics (3)** Gamow  
Radioactivity, nuclear transformations, new particles; astrophysical applications. Prerequisite: Physics 113. Evening.
- 124 Modern Cosmology (3)** Gamow  
Structure of stars; nuclear energy sources of stars; stellar evolution and explosions; Einstein theory of gravitation; relativistic cosmology; expanding universe; origin of galaxies, stars, and planets. Prerequisite: Physics 123; Mathematics 132. 1952-53 and alternate years.
- 128 Sound (3)** Cheney  
Production, propagation, and detection of sound waves; vibrations of sounding bodies; acoustic instruments and acoustic measurements. Prerequisite: Physics 8; Mathematics 20. Summer term 1951.
- 132 Electronics (3)** Brown and Staff  
The phenomena of electron emission from solids; the physical properties of electron tubes, and the principles underlying their basic applications. Prerequisite: Physics 8 and 55, and Physics 105 or Electrical Engineering 10. Material fee, \$9. Lecture (2 hours); laboratory (2 hours)—afternoon and evening sections. (Also offered 1951 summer term.)

133 *Electronic Circuits* (3)

Brown

A continuation of Physics 132. Includes basic radiofrequency applications of electron tubes, and special types of tubes such as klystrons, resonators, and magnetrons. Lectures and problems. Prerequisite: Physics 132; Electrical Engineering 107. Evening.

155-56 *Advanced Physical Measurements* (3-3)

Meijer

Optional programs of experiments in electricity and magnetism, optics, or atomic physics. Corresponding prerequisites are Physics 105, 106, or 113. In addition, Physics 55 is a general prerequisite. Material fee \$9. Afternoon and Saturday sections.

## THIRD GROUP

211-12 *Classical Physical Theory* (3-3)

Cheney

Fall term: dynamics of systems of particles and of rigid bodies; generalized coordinates. Spring term: dynamics of elastic bodies and fluids; electromagnetic field theory. Prerequisite: Physics 101, 102, and 105; Mathematics 132 and 171. Evening.

213-14 *Electromagnetic Radiation* (3-3)

Brown

Electromagnetic theory as applied to light and radio waves, with especial consideration given to "micro-waves". Prerequisite: Physics 105 and Mathematics 132, or the equivalent. 1951-52 and alternate years, evening.

215 *Physics of the Solid State* (3)

Meijer

Theory and experimental techniques connected with the principal properties of the various solid types. Topics to be discussed include the structure of solids, their thermal and mechanical properties, the electronic behavior of metals, semi-conductors, etc., and the magnetic and optical properties of solids. Prerequisite: Physics 114. Evening.

217 *Classical Thermodynamics* (3)

Gamow

The fundamental laws of thermodynamics and their application to various physical phenomena; statistical interpretation of basic concepts; limitations of thermodynamical deductions; paradoxes of classical statistical theory. Prerequisite: Physics 102, 114; Mathematics 132. 1951-52 and alternate years, evening.

218 *Quantum Statistics* (3)

Gamow

Statistical theory based on the indistinguishability of particles; Bose-Einstein and Fermi-Dirac statistics; applications to electron gas, liquid helium, etc. Prerequisite: Physics 217. 1951-52 and alternate years, evening.

221 *Wave Mechanics* (3)

Gamow

Criticism of classical ideas of mechanics and a formulation of wave-mechanical equations; matrix mechanics and its relation to wave mechanics; applications to various problems of atomic, molecular, and nuclear Physics. Prerequisite: Physics 113-14 and 211-12. 1952-53 and alternate years.



- 222 *Relativistic Quantum Theory* (3) Gamow  
Interaction between matter and radiation; positive and negative electrons and their properties; beta transformations; mesons and the problem of nuclear forces. Prerequisite: Physics 221. 1952-53 and alternate years.
- 255-56 *Graduate Laboratory* (3-3) Brown  
Special topics. One term of this course is required of all Master's candidates in physics. Not open to undergraduates. Material fee, \$9 a term. Afternoon and Saturday sections.
- 291-92 *Seminar: Recent Developments in Physics* The Staff  
(1-1)  
Individual investigations of special problems. All students registered for a Master's degree in physics are expected to attend this seminar during residence for the degree, and to take part in its programs. Credit for participation in the seminar work may be obtained by registering for this course during the last two terms of residence; this credit, however, is based upon the seminar work during the entire period of residence. Alternate weeks, evening.
- 299-300 *Thesis* (3-3) The Staff  
Time and fees to be arranged.

## PHYSIOLOGY

Errett Cyril Albritton, A.B., M.D., *Fry Professor of Physiology, Executive Officer*

Chester Elwood Leese, Ph.D., *Professor of Physiology*

Joseph William Still, M.D., M.P.H., *Assistant Professor of Physiology*

Hyman Erwin Steinman, M.D., *Lecturer in Physiology*

Katherine Virginia Greene, A.M., *Instructor in Physiology*

Louis Pat Munan, M.S., *Associate in Physiology*

*Master of Arts and Master of Science in the field of Physiology (Columbia College).—Prerequisite:* the degree of Bachelor of Arts or Bachelor of Science, respectively, with a major in Biology, Chemistry, Physics, or Zoology from this University, or the equivalent. The undergraduate work should include the equivalent of Biology 1-2 or Zoology 1-2, and Zoology 41-42; Chemistry, 11-12, 21, 151-52; Physics 5, 6, and 7. It is recommended that Biochemistry 221-22 be taken as an elective. A Bachelor's degree which includes the premedical requirements is acceptable for admission to candidacy.

Required: the general requirements are stated on pages 78-80. In addition to the thesis, the thirty hours of required work should include Physiology 201, 221 or 222, 231, 234, 236, 238, 240, and at least three credit hours of research (Physiology 295 or 296). Biochemistry 221-22 is required unless it was included in the undergraduate program.

### 115 *Physiology* (3)

Leese

Lectures for nonmedical students covering the fundamentals of physiology in its various subdivisions. Prerequisite: one year of general science or one term of a biological science. Section A: Tues., Thurs., and Sat., 9:10 A.M.; section B: Tues. and Thurs., 5:10 to 6:25 P.M.

### 117 *Experimental Physiology* (1)

Greene and Staff

Laboratory exercises in the fundamentals of physiology, for nonmedical students. Prerequisite or concurrent registration: Physiology 115 or the equivalent. Material fee, \$15. Sat., 10:10 A.M. to 1:00 P.M.

### 120 *Physiology of Endocrine Activity* (2)

Albritton, Munan

For nonmedical students. The circulatory, metabolic, reproductive, growth, and other adaptations, immediate and long term, accompanying and affecting endocrine activity. Prerequisite: Physiology 115 or the equivalent. Tues. and Thurs., 5:10 P.M.

### 130 *The Psycho-physiology of Personality* (2)

Leese

For nonmedical students. Lectures on the genesis and expression of personality, with emphasis on the physiological approach. Prerequisite: Physiology 115 or the equivalent and general psychology. Tues. and Thurs., 6:10 P.M.

### 150 *Advanced Physiology*

The Staff

One hundred twenty-five physiological lectures and one hundred

twenty-five laboratory hours devoted to the major divisions of the subject. For medical students.

- 201-2 Experimental Method (1-1)** Albritton  
For nonmedical graduate students. Design of controlled experiments in medical or biological investigation; errors in design; criticism and judgment of evidence; and tests of the statistical significance of experimental results. Sat., 9:00 A.M.  
Physiology 201X—same as Physiology 201, but offered spring term.
- 211-12 Problems in Physiology (arr.)** Albritton and Staff  
For nonmedical graduate students. Open to undergraduate students with the approval of the Department. Prerequisite: Physiology 115 and 117, or the equivalent. Hours and credits to be arranged.
- 221-22 Physiology Seminar (1-1)** The Staff  
For nonmedical students undertaking graduate work in physiology. Prerequisite: Physiology 115 and 117, or the equivalent. Weekly throughout the year.
- 231 Advanced Physiology of Circulation and Respiration (4)** Albritton and Staff  
For nonmedical graduate students. Lectures on blood, heart, circulation, tissue water, respiration, and acid-base balance. Four hours a week, to be arranged.
- 234 Advanced Physiology of Nutrition, Metabolism, and Excretion (2)** Still, Steinman, and Staff  
For nonmedical graduate students. Lectures on nutrition, digestion, metabolism, excretion, and temperature regulation. Two hours a week, to be arranged.
- 236 Advanced Physiology of the Endocrine Glands and Reproduction (1)** Albritton, Still, and Staff  
For nonmedical graduate students. Lectures on ductless glands, hormones, humoral agents, and reproduction. One hour a week, to be arranged.
- 238 Advanced Physiology of the Neuro-Muscular System (2)** Leese and Staff  
For nonmedical graduate students. Lectures on sensory reception, central nervous processes, somatic and visceral motor activity, and the behavior of smooth and striped muscle. Two hours a week, to be arranged.
- 240 Advanced Experimental Physiology (3)** The Staff  
For nonmedical graduate students. Laboratory work only. Correlated with the lectures in courses 231-238. Material fee, \$36. Nine hours a week, to be arranged.
- 295-96 Research (arr.)** Albritton, Leese, and Staff  
Material fee: \$12 a credit hour. Hours and credits to be arranged.
- 299-300 Thesis (3-3)** Albritton, Leese



## POLITICAL SCIENCE

- Warren Reed West, Ph.D., *Professor of Political Science*  
 John Albert Tillema, Ph.D., LL.M., S.J.D., *Professor of Political Science*  
 John Withrow Brewer, Ph.D., *Professor of International Law, Executive Officer*  
 William Crane Johnstone, Jr., Ph.D., *Professorial Lecturer in Political Science*  
 Karl Ernest Stromsem, Ph.D., *Professorial Lecturer on Public Administration*  
 Wolfgang Herbert Kraus, Dr. Jur., S.J.D., *Associate Professor of Political Science*  
 Fred Latimer Hadsel, Ph.D., *Lecturer in Political Science*  
 William George Torpey, Ph.D., *Lecturer on Public Administration*  
 Floyd Millard Riddick, Ph.D., *Lecturer in Political Science*  
 Thomas Ewing Cotner, Ph.D., *Lecturer in Political Science*  
 Harvey Porter Hall, A.M., *Lecturer in Political Science*  
 John Samuel Myers, Ph.D., *Lecturer on Public Administration*  
 Frederick Justin Mann, A.M., *Lecturer in Political Science*  
 Charles Bigelow Stauffacher, A.M., *Lecturer on Public Administration*  
 \*Jonathan Dayton Stoddart, A.M., *Instructor in Political Science*

*Bachelor of Arts with a major in Political Science (Columbia College—Departmental).*—Prerequisite: the Arts and Letters curriculum in the Junior College stated on page 56, including Political Science 9-10. Required: in addition to the general requirements stated on pages 71-74, Political Science 117-18 and twenty-four credit hours from the following groups distributed as follows: six hours from Group A; six hours from Group B; six hours from Group A, B, or C; six hours from Group A, B, C, or D.

Group A: Political Science 111, 112, 121-22. Group B: Political Science 171, 172, 181-82. Group C: Political Science 115, 116, 124, 141, 151-52, 161-62, 175-76, 191, 194. Group D: Political Science 127, 128, 129, 130.

Students interested in preparing for graduate work in Public Administration will consult the Executive Officer of the Department for modifications of the above requirements.

*Master of Arts in the field of Political Science (Columbia College).*—Prerequisite: a Bachelor of Arts degree with a major in Political Science at this University, or the equivalent. Required: the general requirements as stated on pages 78-80. The thirty hours of required work must be approved in advance by the Adviser.

For information concerning Bachelor of Arts and Master of Arts curricula in the School of Government in the field of Foreign Affairs, and concerning the Master of Arts curriculum in Public Administration, see pages 152-60.

\* On military leave effective February 4, 1951.

## FIRST GROUP

- 9-10 *Government of the United States\** (3-3) The Staff  
 Morning and evening sections. (Also offered 1951 summer term.)  
 Political Science 9x—same as Political Science 9, but offered spring  
 term. Morning.  
 Political Science 10x—same as Political Science 10, but offered fall  
 term. Morning.

## SECOND GROUP \*

- 111 *The Governments of Europe: England, France, and Switzerland* (3) Kraus  
 Evening. (Also offered 1951 summer term.)
- 112 *The Governments of Europe: Soviet Union, Germany, and Italy* (3) Kraus  
 Evening.
- 115 *Local Governments* (3) \_\_\_\_\_  
 Morning.
- 116 *Political Parties* (3) \_\_\_\_\_  
 Morning.
- 117-18 *Political Theory* (3-3) Kraus  
 Morning. (Also offered 1951 summer term—Political Science 118 (3).)
- 121-22 *The Constitution of the United States* (3-3) West  
 Morning.
- 124 *Legislative Organization* (3) Riddick  
 Morning.
- 127 *Commercial Law: Contracts, Agency, and Bailments* (3) Tillema  
 Morning and evening sections. (Also offered 1951 summer term.)
- 128 *Commercial Law: Negotiable Instruments, Property, Sales, Mortgages* (3) Tillema  
 Morning and evening sections. (Also offered 1951 summer term.)
- 129 *Law in Relation to the Form of Business Units* (3) Tillema  
 Morning.  
 Political Science 129x—same as Political Science 129, but offered  
 spring term. Evening.
- 130 *Maritime Law* (3) Tillema  
 Morning.

\* Political Science 9-10 is prerequisite to all second-group courses.

- |        |   |         |
|--------|---|---------|
| 141    | <i>The Development of Legal Institutions</i> (3)  | Brewer  |
|        | Morning.  |         |
| 151-52 | <i>Public Administration</i> (3-3)  | _____   |
|        | Morning.  |         |
| 161-62 | <i>Administrative Law</i> (3-3)   | Tillema |
|        | Political Science 161, evening. (Political Science 162 not offered in 1951-52.)           |         |
| 171    | <i>International Politics</i> (3)   | _____   |
|        | Morning and evening sections. (Also offered 1951 summer term.)                            |         |
| 172    | <i>International Organization: the United Nations</i> (3)                                 | _____   |
|        | Morning and evening sections. (Also offered 1951 summer term.)                            |         |
| 175    | <i>International Politics in the Western Hemisphere</i> (3)                               | _____   |
|        | Evening.  |         |
| 176    | <i>Current Trends in Latin American Politics and Government</i> (3)                       | _____   |
|        | Evening.  |         |
| 181-82 | <i>International Law</i> (3-3)  | Brewer  |
|        | Morning and evening sections. (Also offered 1951 summer term.)                            |         |
| 191    | <i>Government and Politics in the Middle East</i> (3)                                     | Hall    |
|        | Evening.  |         |
| 194    | <i>Far Eastern Politics: Contemporary International Relations in the Pacific Area</i> (3) | Mann    |
|        | Evening.  |         |

## THIRD GROUP

- |        |   |       |
|--------|---|-------|
| 209-10 | <i>Seminar: the Legislative Process</i> (3-3)       | West  |
|        | Evening.  |       |
| 212    | <i>Seminar: Comparative Government</i> (3)          | Kraus |
|        | Afternoon.  |       |
| 213    | <i>Reading Course in Comparative Government</i> (3) | Kraus |
|        | Afternoon.  |       |
| 217    | <i>Seminar: Political Theory</i> (3)                | Kraus |
|        | Evening.  |       |
| 220    | <i>Reading Course in Political Theory</i> (3)       | Kraus |
|        | Evening. (Also offered 1951 summer term.)           |       |



- |         |  |                    |
|---------|--|--------------------|
| 226     | <i>Problems of Governmental Reorganization</i> (3)   | Torpey             |
|         | Summer term 1951.  |                    |
| *239    | <i>Personnel Administration</i> (3)  | Torpey             |
|         | Evening.   |                    |
| *240    | <i>Problems in Personnel Management</i> (3)  | Torpey             |
|         | Evening.   |                    |
| *252    | <i>Budgetary and Financial Administration</i> (3)  | Myers              |
|         | Evening.   |                    |
| *253    | <i>Staff Functions in Government Administration</i> (3)  | Myers              |
|         | Evening.   |                    |
| *255    | <i>Seminar: Principles and Problems of Administration</i> (3)                                    | Stauffacher        |
|         | Evening.   |                    |
| *260    | <i>Seminar: Administration of Major Governmental Programs</i> (3)                                | Stauffacher        |
|         | Evening.   |                    |
| *261-62 | <i>Reading and Conference Course in Public Administration</i> (3-3)                              | Torpey             |
|         | Evening.   |                    |
| *263-64 | <i>Analysis of Administrative Procedures</i> (3-3)   | Stromsem and Staff |
|         | Open only to members of the Internship Program in the School of Government. Time to be arranged. |                    |
| 271-72  | <i>Problems in International Politics and Organization</i> (3-3)                                 | Hadsel             |
|         | Evening. (Also offered 1951 summer term—Political Science 272 (3).)                              |                    |
| *273    | <i>Seminar: International Administration</i> (3)   | Hadsel             |
|         | (Not offered in 1951-52.)  |                    |
| *274    | <i>Seminar: Objectives and Methods of Foreign Policy</i> (3)                                     | Schoenfeld         |
|         | Evening.   |                    |
| 277-78  | <i>Seminar: Latin American Politics and Government</i> (3-3)                                     | Cotner             |
|         | Evening.   |                    |

\* Primarily for majors in the School of Government.

- \*279 *Reading Course in International Affairs* (3) Hadsel  
Time to be arranged.  
Political Science 279x—same as Political Science 279, but offered  
spring term.
- 281-82 *Seminar: International Law and Relations* Brewer  
(3-3)  
Afternoon. (Also offered 1951 summer term—Political Science 281 (3).)
- 294 *Seminar: International Politics and Govern- Johnstone*  
*ment in the Pacific Area* (3)  
Evening.
- 295 *Reading Course in Far Eastern Politics and Johnstone*  
*Governments* (3)  
Evening.
- 299-300 *Thesis* (3-3) The Staff

\* Primarily for majors in the School of Government.

## PSYCHIATRY

Winfred Overholser, A.B., M.D., Sc.D., *Professor of Psychiatry, Executive Officer*

Roscoe Willis Hall, Ph.B., M.D., *Clinical Professor of Psychiatry*

Solomon Katzenelbogen, M.D., *Clinical Professor of Psychiatry*

Addison McGuire Duval, M.D., *Clinical Professor of Psychiatry*

Sidney Berman, B.S., M.D., *Assistant Clinical Professor of Psychiatry*

Morris Kleinerman, Ch.D., M.B., *Assistant Clinical Professor of Psychiatry*

Leon Yochelson, A.B., M.D., *Assistant Clinical Professor of Psychiatry*

Henry Prather Laughlin, B.S., M.D., *Assistant Clinical Professor of Psychiatry*

Marshall deGraffenried Ruffin, B.S., M.D., *Assistant Clinical Professor of Psychiatry*

Harriet Elizabeth Twombly, A.B., M.D., *Associate in Psychiatry*

Samuel Alexander Silk, Ph.D., M.D., *Associate in Psychiatry*

Norman Taub, B.S., M.D., *Associate in Psychiatry*

William Green Cushard, M.D., *Associate in Psychiatry*

Harold Corson, M.D., *Associate in Psychiatry*

Helen Pallister, Ph.D., *Clinical Psychologist*

David Eden, A.B., M.D., *Clinical Instructor in Psychiatry*

### 165 *Dynamics of Personality Development* Berman

An orientation course in the anatomical, physiological, and psychological growth and development of personality. Consideration of characteristics of structure, function, and development of the psyche leading to normal behavior as a basis for the study of the pathological. Evaluation of interpersonal relationships. One hour a week.

### 178 *Psychopathology* Hall

Manifestations and understanding of various mental mechanisms and abnormal reaction-types, preceded by history of development of psychopathology and illustrated with case material. One hour a week.

### 266 *Psychiatry* Overholser

History, etiology, symptoms, course, and treatment of the major psychoses with emphasis on the dynamics involving the person as a whole. One hour a week.

### 268 *Demonstration Clinics* Silk, Twombly

Presentation of clinical cases of major mental illnesses and primary behavior disturbances, correlating with Psychiatry 266. Each student examines patients under supervision. Three hours a week. St. Elizabeths Hospital.



- 271 *Psychosomatic Aspects of General Medicine* Katzenelbogen  
Somatic disorders of psychogenic origin. The role of personality reactions in functional and organic disorders. One hour a week.
- 324 *Psychoneurosis* Laughlin  
Etiology, psychopathology, clinical aspects, and treatment of various types of psychoneuroses. One hour a week for twelve weeks. Medical Conference Room, Gallinger Hospital.
- 326 *Psychological Techniques in Psychiatric Practice* Kendig  
Discussion of psychological concepts and tools available for determination of intellectual level, personality structure, functional impairment, and organic deterioration. One hour a week for four weeks. Medical Conference Room, Gallinger Hospital.
- 331-32 *Clinical Clerkship* Cushard, Taub  
Under supervision, each student conducts mental and physical examinations of patients, works up and presents his cases for discussion and conclusion. Two-week assignments by section. Gallinger Hospital.
- 431-32 *Clinical Clerkship* Duval, Kleinerman, Laughlin, Ruffin, Yochelson, Pallister  
Supervised examination, diagnosis, and treatment of ambulatory borderline cases. Conferences for discussion of cases. Clinical application of psychiatric principles to general medical practice is stressed. Three hours twice a week, in rotation. University Hospital Out-patient Psychiatric Clinic.

## PSYCHOLOGY

Mitchell Dreesse, Ph.D., *Professor of Educational Psychology*  
 Thelma Hunt, Ph.D., M.D., *Professor of Psychology, Executive Officer*  
 Henry Furness Hubbard, Ph.D., *Adjunct Professor of Psychology*  
 Clarence Daniel Leatherman, Ph.D., *Professorial Lecturer in Psychology*  
 Curtis Edward Tuthill, Ph.D., *Associate Professor of Psychology*  
 Willard Edmund Caldwell, Ph.D., *Assistant Professor of Psychology*  
 James Norman Mosel, A.M., *Assistant Professor of Psychology*  
 Ewing Lakin Phillips, Ph.D., *Assistant Professor of Psychology*  
 Bernard Hayman Fox, Ph.D., *Assistant Professor of Psychology*  
 Margaret Ives, Ph.D., *Lecturer in Psychology*  
 Edwin Wallace Davis, Ph.D., *Lecturer in Psychology*  
 Clyde Lindley, A.M., *Lecturer in Psychology*  
 Don Carlos Faith, A.M., *Lecturer in Psychology*  
 Leonard Miller, A.M., *Lecturer in Psychology*  
 Lloyd Vernon Searle, Ph.D., *Lecturer in Psychology*

*Bachelor of Arts with a major in Psychology (Columbia College—Departmental).*—Prerequisite: the Arts and Letters curriculum in the Junior College, see page 56, including Psychology 1 and 2 or 22. The general requirements for the degree are stated on pages 71-74. The sixty required credit hours must include twenty-four hours in Psychology above 2 or 22, including Psychology 29 or 151, 98, 131, 191, and 196; Statistics 53; and Physiology 115 or Psychology 117.

*Master of Arts and Master of Science in the field of Psychology (Columbia College).*—Prerequisite: the degree of Bachelor of Arts with a major in Psychology at this University, or the equivalent. Required: the general requirements for the degree are stated on pages 78-80. Of the twenty-four required credit hours (exclusive of the thesis), a minimum of eighteen must be in third-group courses; a minimum of twelve must be in psychology, including Psychology 201 and 202; twelve may be in related fields approved by the Department.

Master's programs are available in the following fields of concentration: (1) tests and measurements, (2) counseling and guidance, (3) clinical-abnormal, (4) social, (5) personnel, (6) comparative-physiological, and (7) theoretical-systematic-experimental. For detailed requirements consult the Executive Officer of the Department.

For information concerning the Bachelor of Arts and Master of Arts curricula in the School of Government with majors in (1) personnel management, (2) educational and psychological statistics, (3) public administration, (4) personnel administration, and (5) vocational counseling, see pages 153-60.

*Master of Arts in Education in the fields of Employee Training and of Guidance (School of Education).*—Prerequisite: a bachelor's degree from an accredited institution and two years of successful teaching experience. The requirements for the degree are stated on pages 144-46.

## FIRST GROUP

- 1 *General Psychology\** (3) The Staff  
The fundamental principles underlying human behavior. Morning and evening sections. (Also offered 1951 summer term.)  
Psychology 1x—same as Psychology 1, but offered spring term. Morning and evening sections.
- 2 *Applied Psychology* (3) Caldwell, Mosél  
The applications of psychology in business, industry, medicine, law, guidance, education, and social problems. Morning and evening sections. (Also offered 1951 summer term.)  
Psychology 2x—same as Psychology 2, but offered fall term. Morning and evening sections.
- 22 *Introduction to Educational Psychology* (3) Faith  
Consideration of individual and group differences, adjustments, and the psychology of learning in relation to education and training. Morning. (Also offered 1951 summer term.)  
Psychology 22x—same as Psychology 22, but offered fall term. Evening.
- 29 *Child Psychology* (3) Phillips  
A genetic approach to the study of the child. Special emphasis is placed on the socialization process, learning, and the child's view of the world. Evening.  
Psychology 29x—same as Psychology 29, but offered spring term. Morning.
- 98 *Abnormal Psychology* (3) Hunt, Phillips  
The causes, diagnosis, treatment, and prevention of the various types of maladjustments and mental disorders. Prerequisite: 6 credits in psychology, or 3 credits in psychology and 6 credits in a biological science. Morning. (Also offered 1951 summer term.)  
Psychology 98x—same as Psychology 98, but offered fall term. Morning and evening sections.

## SECOND GROUP†

- 117x *Physiological Psychology* (3) Fox  
Structure, function, and phylogeny of receptors, nervous system, and effectors as mediators of behavior, including drives, learning, and emotions. Afternoon. (Also offered 1951 summer term.)
- 121 *Educational Psychology* (3) Faith  
Advanced course in educational psychology. Open each term on the individual study plan to a limited number of students. Time to be arranged. (Also offered 1951 summer term.)
- 129 *Introduction to Counseling and Guidance* (3) Dreese  
A survey of the basic principles, techniques, and procedures as applied to vocational, educational, and personal counseling. Evening.

\* Psychology 1 is prerequisite to all other courses in Psychology.

† Six credits in first group courses are prerequisite to all second group courses.



- 131 *Psychological Tests* (3) Hunt  
 A survey of psychological tests and their more common uses in business, industry, government, law, medicine, and education. Material fee, \$5. Morning. (Also offered 1951 summer term.)  
 Psychology 131x—same as Psychology 131, but offered spring term. Evening.
- 144 *Personnel Psychology* (3) Mosé  
 The applications of psychology to personnel work in education, business, industry, and government. Afternoon.  
 Psychology 144x—same as Psychology 144, but offered fall term. Evening.
- 151 *Social Psychology* (3) Tuthill  
 The social foundations of attitudes and behavior. Individual adjustment to group situations, such as the family, school, fraternity, and occupation. The psychological bases of race prejudice, nationalism, and war. Morning. (Also offered 1951 summer term.)  
 Psychology 151x—same as Psychology 151, but offered spring term. Evening.
- 156 *Psychology of Propaganda and Public Opinion* Tuthill  
 (3)  
 Evening. (Also offered 1951 summer term.)
- 162x *Comparative Psychology* (3) Caldwell  
 A survey of psychological processes in infrahuman organisms, with special emphasis on the evolution of animal behavior from the lowest forms to man. Accompanied by laboratory work. Material fee, \$9. Afternoon.
- 171 *Psychology of Personality* (3) Caldwell  
 Contemporary approaches to the study of personality. Prerequisite: 12 credits in psychology, including Abnormal Psychology. Afternoon and evening sections. (Also offered 1951 summer term.)
- 191 *Experimental Psychology* (3) Fox  
 The application of experimental methods to various psychological problems. Prerequisite: 12 credits in psychology. Material fee, \$9. Afternoon.  
 Psychology 191x—same as Psychology 191, but offered spring term. Afternoon and evening sections.
- 192 *Problems in Experimental Psychology* Caldwell, Fox  
 (3)  
 Opportunity for work on individual experimental projects. Prerequisite: Psychology 191. Open each term to a small number of students by permission of the instructor. Time to be arranged.
- 193-94 *Readings in Psychology* (3-3) The Staff  
 Supervised readings on specific topics in psychology; with conferences; for undergraduate majors. Open only to seniors with 18 or more credits in psychology with a quality point index of 3.00 or

higher. Special permission of staff member under whom course is to be taken is necessary. Time to be arranged. (Also offered 1951 summer term.)

- 196 *History and Systems of Psychology* (3) Caldwell  
A survey of the contemporary schools of psychology. Prerequisite: 12 credits in psychology. Morning and evening sections.

### THIRD GROUP\*

- 201 *Seminar: Advanced General Psychology* (3) Fox  
General review of the field for graduate students with an intensive study of selected problems. Required in all graduate programs. Afternoon.  
Psychology 201x—same as Psychology 201, but offered spring term. Evening.
- 202 *Psychological Research Methods and Procedures* (3) Fox  
Required of all Master of Arts candidates in Psychology. Prerequisites: Experimental Psychology and Statistics. Afternoon.  
Psychology 202x—same as Psychology 202, but offered fall term. Evening.
- 204 *Contemporary Developments in Psychology* (3) Fox  
Certain modern developments are treated, e.g., action research, Eysenck's personality investigations, various new theories, P and Q techniques, etc.  
Summer term 1951.
- 205-6 *Field Work in Psychology* (3-3) The Staff  
Supervised field work in agencies providing psychological service. Admission by permission of the Executive Officer of the Department. Time to be arranged. (Also offered 1951 summer term.)
- 207-8 *Readings in Psychology for Graduate Students* (3-3) The Staff  
Supervised readings with conferences on specified topics in psychology. Time to be arranged. (Also offered 1951 summer term.)
- 209x *Seminar: Psychology of Motivation* (3) Tuthill  
A consideration of various theoretical approaches to the psychology of motivation and systematic concepts and experimental findings deriving from each approach. Afternoon.
- 212 *Seminar: Personality Evaluation by Projective Techniques* (3) Ives  
Evening.
- 213 *Seminar: Clinical Psychology* (3) Ives  
An intensive study of some problem in the field of clinical psychology. Evening.

\* Open only to graduate students with 18 or more credits in psychology, except by special permission of instructor and Executive Officer of the Department.

- 220 *Seminar: Abnormal Psychology* (3) Hunt  
An intensive study of a selected problem in the field of abnormal psychology. Afternoon.
- 223 *Seminar: Learning* (3) Tuthill  
Covers theories of learning. Afternoon. (Also offered 1951 summer term.)
- 225 *Seminar: Mental Hygiene* (3) Phillips  
A survey of the recent literature in social psychology and anthropology as they relate to the impact of society on the mental hygiene of the individual. Individual mental health problems are viewed in terms of the social context in which they occur and are treated. Saturday morning. (Also offered 1951 summer term.)
- 226 *Seminar: Clinical Psychology of Childhood* (3) Phillips  
A survey of children's behavior and personality disorders. Special emphasis is placed on therapy and the techniques of interviewing and testing children. Saturday morning.
- 227x *Seminar: Counseling and Guidance* (3) Dreese  
Recent developments and current problems in vocational, educational, and personal guidance in various types of agencies with particular reference to education. Prerequisite: educational or psychological measurements and Psychology 129 or the equivalent. Evening. (Also offered 1951 summer term.)
- 228 *Seminar: Techniques of Counseling* (3) Dreese  
Specific types of vocational, educational, and personal counseling problems approached through the case method. Prerequisite: recent previous course in counseling and guidance and familiarity with individual analysis methods. Evening.
- 229 *Seminar: Occupational and Educational Information* (3) Davis  
Designed to acquaint vocational and educational counselors with the basic occupational and educational information necessary in counseling. Sources of data and techniques of collecting, analyzing, and disseminating for purposes of guidance. Evening. (Also offered 1951 summer term.)
- 231 *Test Construction* (3) Hunt  
The principles underlying test construction; statistical techniques in the construction, evaluation, and standardization of psychological, educational, and vocational tests. Prerequisite: a course in tests and measurements and a course in statistics. Afternoon.
- 232 *Research: Test Construction* (3) Hunt  
Individual projects in construction and evaluation of psychological, educational, or vocational tests. Prerequisite: Psychology 231, open each term on individual study plan to a small number of students by permission of instructor. Time to be arranged.



- 233 *Individual Psychological Testing* (3) Phillips  
Instruction and practice in giving of the Binet Test and the Wechsler-Bellevue Test. Emphasis is placed on testing children and adolescents. Prerequisite: an elementary course in tests and measurements. Material fee, \$5. Afternoon.  
Psychology 233x—same as Psychology 233, but offered spring term. Afternoon.
- 234 *Seminar: Test Theory* (3) Searle  
Evening.
- 236x *Seminar: Analysis of the Individual for Purposes of Counseling* (3) Miller  
A detailed study of individual analysis techniques with practice in handling such methods. Prerequisite: an introductory course in educational or psychological measurements. Evening.
- 242x *Seminar: Personnel Psychology* (3) Hubbard  
A study of the applications of psychology to various personnel procedures, for those interested in either government or industrial personnel work. Prerequisite: Psychology 144 or the equivalent. Evening.
- 244 *Seminar: Job Analysis and Evaluation* (3) Leatherman  
Evening.
- 246x *Seminar: Personnel Measurement Techniques* Mosé  
Detailed consideration of interviews, personal data analysis, tests, ratings and questionnaires in evaluating employability, job proficiency, and worker morale. Evening. (Also offered 1951 summer term.)
- 248 *Seminar: Psychological Market Research* (3) Mosé  
Techniques and results in the analysis of consumer behavior. The measurement of advertising effects, consumer surveys, acceptance testing, product design, forecasting audience response to media. Evening.
- 251 *Seminar: Advanced Social Psychology* (3) Tuthill  
Current research and theory in social psychology; group dynamics, ego-involvements, action research, and social interaction theory. Afternoon.
- 255x *Seminar: Techniques of Opinion and Attitude Measurement* (3) Tuthill  
Methods of attitude measurement (interviews, questionnaires, scales, polls) as currently used by private and governmental investigators. The place of attitude studies in schools, industry, government, etc. Evening.
- 272x *Seminar: Theories of Personality* (3) Caldwell  
A survey of the various theories of personality, with emphasis upon theoretical problems and methodology in the field of personality study. Evening. (Also offered 1951 summer term.)

295-96 *Research in Psychology* (arr.)

The Staff

Individual research by student, carried out under supervision of staff member. Time and credits to be arranged. (Also offered 1951 summer term.)

299-300 *Thesis* (3-3)

The Staff

Time to be arranged. (Also offered 1951 summer term.)

## RADIOLOGY

William Woodrow Stanbro, M.D., *Professor of Radiology, Executive Officer*

Solomon Rodney Bersack, M.D., *Associate in Radiology*

Ludwig Carl Kroutil, A.B., M.D., *Associate in Radiology*

Charlotte Patricia Donlan, A.B., M.D., *Associate in Radiology*

George Tievsky, M.D., *Clinical Instructor in Radiology*

Uthai Vincent Wilcox II, M.D., *Clinical Instructor in Radiology*

Alvin Charles Wyman, A.B., M.D., *Clinical Instructor in Radiology*

213 *Basic Radiology*

The Staff

Orientation lectures in X-ray physics.

341-42 *Radiological Diagnosis*

The Staff

Lectures in conjunction with the course in Physical Diagnosis.

358 *Advanced Radiological Diagnosis*

The Staff

Lectures and discussions.

449 *Clinical Studies*

The Staff

Students assigned in rotation on a full-time basis for a specific period to the X-ray Department.

478 *Research*

The Staff

Hours to be arranged.



## RELIGION

Lawrence Daniel Folkemer, Ph.D., *Associate Professor of Religion,  
Executive Officer*  
\_\_\_\_\_, *Lecturer in Religion*

*Bachelor of Arts with a major in Religion (Columbian College—Departmental).*—Prerequisite: the Arts and Letters curriculum in the Junior College, see page 56. Required: the general requirements as stated on pages 71-74, including a minimum of eighteen credit hours in Religion beyond first-group courses.

### FIRST GROUP

- 9 *The Old Testament* (3) Folkemer  
A historical and literary approach to the study of the books of the Old Testament with special consideration given to the development of religious ideas, institutions, and outstanding personalities. Morning.
- 10 *The New Testament* (3) Folkemer  
A study of the literature of the New Testament from the standpoint of occasion, purpose, dominant ideas, and permanent values. Special consideration given to life in the primitive Christian Church. Morning.
- 59-60 *History of Religions* (3-3) Folkemer  
Fall term: primitive and eastern religions—Egyptian religion, Confucianism, Taoism, Buddhism and sects, Hinduism, and Shintoism—considering environment, personalities, religious thought, cultus, ethics, and modern trends. Spring term: Judaism, Christianity, and Islam—analysis of early development, thought, life, institutions, and expansion. Recent issues and trends examined. Morning. (Also offered 1951 summer term—Religion 60 (3).)

### SECOND GROUP

- 102 *The Prophets, Their Times and Their Message* (3)  
The development of prophetism in the Old Testament; cultural, economic, psychological, and religious factors in the movement; elements of lasting value in the prophetic teaching. A few of the prophets will be selected for particular study. (Not offered in 1951-52.)
- 103 *The Life and Significance of Jesus* (3)  
A detailed study of the life and teachings of Jesus on the basis of a comparative analysis of the Gospel records; the significance of the message of Jesus for our own times. (Not offered in 1951-52.)
- 104 *The Life and Letters of the Apostle Paul* (3)  
Greek and Hebrew backgrounds of early Christianity, the Roman world of the first century, religious and social conditions affecting the

spread of Christianity, the life and journeys of Paul, Paul's teaching and presentation of the Christian faith, the place of the Pauline epistles in the New Testament. (Not offered in 1951-52.)

- 143 *Problems of Religious Thought* (3) Folkemer  
A constructive investigation of the sources of religious knowledge and experience, the existence and nature of God, the predicament of man, the problem of evil and suffering, eternal life, science and religion, the destiny of human society. (Not offered in 1951-52.)
- 151 *History of the Christian Church to the Reformation* (3) Folkemer  
A detailed study of the Christian Church from Apostolic days to the Reformation; relationship between church and state, doctrines, worship, expansion, rise of papacy, monastic movement, and pre-Reformation dissent. Evening.
- 152 *History of the Christian Church Since the Reformation* (3) Folkemer  
The origin and development of Protestantism; the Roman Catholic revival; developments among the Eastern churches; doctrines, worship, expansion, church and state, and relation to modern thought and life on the Continent and in Great Britain. Evening.
- 172 *Religion in American Life* (3) Folkemer  
Growth of religious bodies and institutions in American culture; the heritage of religious freedom and diversity, religion and literature, revivalism and education, science and religious thought, divisions and cooperative movements in religion.  
Summer term 1951.
- 185 *Classics of Religious Literature* (3) Folkemer  
A careful study of some of the world's treasures of religious literature from the standpoint of religious message, literary form, and permanent influence. Readings from *Bhagavadgita*; *The Bible*; *The Koran*; *City of God*, Augustine; *Imitation of Christ*, à Kempis; *Praise of Folly*, Erasmus; *Pilgrims Progress*, Bunyan; *Christian Liberty*, Luther, etc. Morning. (Not offered in 1951-52.)

## ROMANCE LANGUAGES AND LITERATURES

Henry Grattan Doyle, A.M., LL.D., Litt.D., *Professor of Romance Languages*

Merle Irving Protzman, Ph.D., *Professor of Romance Languages*  
Louis Clark Keating, Ph.D., *Professor of Romance Languages, Executive Officer*

Alan Thomas Deibert, A.M., *Professor of Romance Languages*

Irene Cornwell, Ph.D., *Associate Professor of French*

Antonio Alonso, A.M., *Associate Professor of Spanish*

Rafael Supervía, Doctor en Derecho, *Assistant Professor of Spanish*

James Willis Robb, A.B., *Assistant Professor of Romance Languages*

Alberto Vázquez, Ph.D., *Lecturer on Spanish American Literature*

William Graham Clubb, A.M., *Instructor in French*

José Silvado Bueno, A.M., *Associate in Portuguese*

Roberto Daniel Meléndez, A.B., *Associate in Spanish*

*Bachelor of Arts with majors in (1) French Literature, (2) Spanish American Literature, and (3) Spanish Literature (Columbian College—Field-of-Study).—Prerequisite: the Arts and Letters curriculum in the Junior College. Required: the general requirements as stated on pages 71-74 and the grade "pass" on the major examination at the end of the senior year. The coordinated field of knowledge upon which the student will be examined includes the political, social, and cultural backgrounds of the literature studied; the writers; and their works. A reasonable proficiency in the spoken language is required. Majors in Romance Languages are strongly advised to study Latin, a knowledge of which is required for graduate work in most institutions. The Department of Romance Languages provides a proseminar in each of the major fields intended to assist the student in his preparation for the major examination.*

*Master of Arts in (1) French Literature, (2) Spanish American Literature, and (3) Spanish Literature (Columbian College).—Prerequisite: the degree of Bachelor of Arts in the appropriate field from this University, or the equivalent. Required: the general requirements as stated on pages 78-80. The thirty hours of required work must include a thesis, for which six hours credit are allotted. The remainder of the program is arranged in consultation with the student's major adviser.*

*Bachelor of Arts in Education with teaching fields in French and in Spanish (School of Education).—Prerequisite: the Education curriculum, page 58. Required: the French option, page 140 or the Spanish option, page 141; the professional courses listed on page 144.*

### FRENCH

#### FIRST GROUP

##### †1-2 *First-year French (3-3)*

The Staff  
For beginners. Grammar, composition, drill in pronunciation, translation of modern French prose. Morning, afternoon, and evening sections. (Also offered 1951 summer term.)



French 1x—same as French 1, but offered spring term. Morning and evening sections.

French 2x—same as French 2, but offered fall term. Morning, afternoon, and evening sections.

- 1-2x *First-year French (accelerated)* (6) The Staff  
Same as French 1-2, but full year given in fall term on an accelerated basis. Morning.

- †3-4 *Second-year French* (3-3) The Staff  
Advanced grammar and composition, reading in modern French prose, oral practice, introduction to French civilization. Prerequisite: French 1-2 or two years of high school French. Morning, afternoon, and evening sections. (Also offered 1951 summer term.)

French 3x—same as French 3, but offered spring term. Morning and evening sections.

French 4x—same as French 4, but offered fall term. Morning and evening sections.

- 3x-4 *Second-year French (accelerated)* (6) The Staff  
Same as French 3-4 but full year given in the spring term on an accelerated basis. Morning.

- 51-52 *Survey of French Literature* (3-3) Deibert  
Morning and evening sections.

#### SECOND GROUP

French 3-4 or the equivalent is prerequisite to all second-group courses in French. French 51-52 is prerequisite to all second-group courses except French 109-10.

- 109-10 *French Conversation and Composition* (3-3) The Staff  
Morning, afternoon, and evening sections. (Also offered 1951 summer term.)

- 119-20 *French Literature of the Sixteenth Century* Keating  
(3-3)

Prose, poetry, drama, and memoirs of the French Renaissance; Rabelais, Montaigne, Marot, La Pléiade, etc. Class analysis of texts, collateral reading. Recommended: History 120. 1951-52 and alternate years, evening.

- 121-22 *French Literature of the Seventeenth Century* Protzman  
(3-3)

History, philosophy, criticism, memoirs, letters, eloquence, drama, fiction, poetry. Class analysis of texts; collateral reading. 1952-53 and alternate years, morning.

- 123-24 *French Literature of the Eighteenth Century* Deibert  
(3-3)

History, philosophy, criticism, letters, drama, fiction, poetry, the "salons", the idea of progress, the idea of science. Class analysis of texts; collateral reading, lectures on literature and history. 1951-52 and alternate years, morning.

125-26 *French Literature of the Nineteenth Century* Keating  
(3-3)

Romanticism and realism; fiction, poetry, drama, criticism. Class analysis of texts, collateral reading, lectures on literature and history. 1952-53 and alternate years, evening.

127-28 *French Literature of the Twentieth Century* Keating  
(3-3)

Fiction, poetry, drama, criticism. Class analysis of texts, collateral reading, lectures on literature and history. 1951-52 and alternate years, morning.

199-200 *Proseminar: Readings for the Major in French Literature* (3-3) Protzman  
Conferences and group discussions. Afternoon.

THIRD GROUP

227-28 *Seminar in Modern French Literature* (3-3) Cornwell  
Prerequisite: a second-group course in French literature. 1951-52 and alternate years, afternoon.

229-30 *Seminar in Classical French Literature* (3-3) Protzman  
Prerequisite: a second-group course in French literature. 1951-52 and alternate years, afternoon.

†249-50 *Old French* (3-3) Doyle  
Phonology and morphology of Old French, with an outline of its development through Vulgar Latin; survey of French literature to the end of the thirteenth century. Prerequisite: a second-group course in French literature; an elementary knowledge of Latin. (Not offered in 1951-52.)

†251-52 *Middle French* (3-3) Doyle  
French literature of the fourteenth and fifteenth centuries. Class analysis of texts; collateral reading. Prerequisite: a second-group course in French literature. Knowledge of Old French desirable. (Not offered in 1951-52.)

299-300 *Thesis* (3-3) The Staff

PORTUGUESE

FIRST GROUP

†1-2 *First-year Portuguese* (3-3) Bueno  
For beginners. Grammar, composition, drill in pronunciation, translation of modern Portuguese prose. Evening.

†3-4 *Second-year Portuguese* (3-3) Bueno  
Advanced grammar and composition, reading of modern Portuguese prose, oral practice, introduction to Portuguese and Brazilian civilization. Prerequisite: Portuguese 1-2 or the equivalent. Evening.

## SECOND GROUP

- 127-28 *Portuguese and Brazilian Literature* (2-2)  
Evolution of the Portuguese language; outline of the literature of Portugal (fall term) and Brazil (spring term). Lectures, readings, written reports. Conducted in Portuguese. Prerequisite: Portuguese 3-4 or the equivalent. (Not offered in 1951-52.)

## SPANISH

## FIRST GROUP

- †1-2 *First-year Spanish* (3-3) The Staff  
For beginners. Grammar, composition, drill in pronunciation, translation of modern Spanish prose. Morning, afternoon, and evening sections. (Also offered 1951 summer term.)  
Spanish 1x—same as Spanish 1, but offered spring term. Morning and evening sections.  
Spanish 2x—same as Spanish 2, but offered fall term. Morning, afternoon, and evening sections.
- 1-2x *First-year Spanish (accelerated)* (6) The Staff  
Same as Spanish 1-2, but full year given in fall term on an accelerated basis. Morning.
- †3-4 *Second-year Spanish* (3-3) The Staff  
Advanced grammar and composition, reading of modern Spanish prose, oral practice, introduction to Latin American civilization. Prerequisite: Spanish 1-2 or two years of high school Spanish. Morning and evening sections. (Also offered 1951 summer term.)  
Spanish 3x—same as Spanish 3, but offered spring term. Morning and evening sections.  
Spanish 4x—same as Spanish 4, but offered fall term. Morning and evening sections.
- 3x-4 *Second-year Spanish (accelerated)* (6) The Staff  
Same as Spanish 3-4, but full year given in spring term on an accelerated basis. Morning.
- 51-52 *Survey of Spanish Literature* (3-3) Robb  
Morning and evening sections.

## SECOND GROUP

Spanish 3-4 or the equivalent is prerequisite to all second-group courses in Spanish. Spanish 51-52 is prerequisite to all second-group courses except Spanish 109-10.

- 109-10 *Spanish Conversation and Composition* (3-3) Alonso and Staff  
Morning and evening sections. (Also offered 1951 summer term.)
- 111-12 *Commercial Spanish* (3-3) Meléndez  
Conversation and composition; letter writing. Acquisition of Spanish vocabulary in a practical commercial context. Evening.



- 121-22 *Spanish Literature of the Golden Age* (3-3) Doyle  
Cervantes, Lope de Vega, Calderón; the classic drama, fiction, the ballad, lyric poetry. Class analysis of texts, collateral reading, lectures on literature and history. 1951-52 and alternate years, evening. 1952-53 and alternate years, morning.
- †123-24 *Cervantes* (3-3) Doyle  
Life and works of Cervantes. The Quixote, the Novelas Ejemplares, and other works. 1951-52 and alternate years, morning.
- 125-26 *Modern Spanish Literature* (3-3) Alonso  
Prose and poetry of the eighteenth and nineteenth centuries. Class analysis of texts, collateral reading, lectures on literature and history. 1951-52, morning. 1952-53, evening.
- 127-28 *Contemporary Spanish Literature* (3-3) Supervía  
Prose and poetry of the latter part of the nineteenth and of the twentieth centuries. Class analysis of texts, collateral reading, lectures on literature and history. 1951-52 and alternate years, evening. 1952-53 and alternate years, morning.
- 131-32 *History of Spanish Civilization* (3-3) Supervía  
The social, artistic, and cultural background of Spanish civilization. Lectures, recitations, and informal discussion. Morning.
- 153-54 *The Modernista Movement in Spanish America* (3-3) Vázquez  
A study of the background, trends, and personalities of this movement. Evening.
- 155-56 *Spanish American Literature to 1880* (3-3) Vázquez  
The literature of Spanish America from the colonial period to the latter part of the nineteenth century. Lectures, collateral reading, reports, and class analysis of important works. (Not offered in 1951-52.)
- 157-58 *Spanish American Literature Since 1880* (3-3) Vázquez  
The literature of Spanish America from 1880 to the contemporary period. Lectures, collateral reading, reports, and class analysis of important works. 1951-52 and alternate years, evening.
- 197-98 *Proseminar: Readings for the Major in Spanish American Literature* (3-3) Vázquez  
Conferences and group discussions. Time to be arranged.
- 199-200 *Proseminar: Readings for the Major in Spanish Literature* (3-3) Alonso  
Conferences and group discussions. Time to be arranged.
- THIRD GROUP
- 225-26 *Seminar in Spanish Literature* (3-3) Alonso  
Prerequisite: a second-group course in Spanish literature. 1951-52 and alternate years. Time to be arranged.

- 227-28 *Seminar in Spanish American Literature* Vázquez  
(3-3)  
Prerequisite: a second-group course in Spanish American literature.  
(Not offered in 1951-52.)
- †249-50 *Old Spanish* (3-3) Doyle  
Literature and philology: *Poema del Cid*, *Libro de Buen Amor*, *Conde Lucanor*, etc.; Menéndez Pidal's *Manual elemental de gramática histórica española* and Ford's *Old Spanish Readings*. Prerequisite: a second-group course in Spanish literature; an elementary knowledge of Latin. Evening.
- 299-300 *Thesis* (3-3) The Staff

## SECRETARIAL STUDIES

Mary Brierton Curry, A.M., *Instructor in Secretarial Studies, Acting Executive Officer*

Mary Winifred Cox, A.M., *Associate in Secretarial Studies*

*Associate in Arts (Junior College—two-year vocational curriculum in Secretarial Studies).—For curriculum, see page 61.*

*Bachelor of Arts in Education with a teaching field in Business Education (School of Education).—Prerequisite: the Education curriculum, page 58. Required: the Secretarial Studies option, pages 138-39, and the professional courses listed on page 144.*

### FIRST GROUP

- 1 *Elementary Typewriting* (3) Curry  
Fundamental techniques of typewriting, basic styles of business letters, introduction to tabulation, and preparation of general office forms. Laboratory fee, \$6. Afternoon and evening sections.  
Secretarial Studies 1x—same as Secretarial Studies 1, but offered spring term. Evening.
- 2 *Intermediate Typewriting* (3) Curry  
The business letter and its arrangement, advanced tabulation, manuscript typing, office forms, stencil cutting, and legal documents. Prerequisite: Secretarial Studies 1 or the equivalent; ability to type accurately at 30 words a minute. Laboratory fee, \$6. Afternoon and evening sections.  
Secretarial Studies 2x—same as Secretarial Studies 2, but offered fall term. Evening.
- 11 *Elementary Shorthand and Transcription* (3) Curry  
A study of the principles of Gregg shorthand correlated with dictation and transcription. Minimum dictation speed of 60 words a minute attained. Laboratory fee, \$3. Morning and evening sections.
- 12 *Intermediate Shorthand and Transcription* (3) Curry  
Review of the principles of Gregg shorthand dictation and transcription on general and specialized business subjects. Minimum dictation speed of 80 words a minute attained. Prerequisite: Secretarial Studies 11 or the equivalent; ability to take dictation at 60 words a minute. Laboratory fee, \$3. Morning and evening sections.
- 15 *Advanced Shorthand, Typewriting, and Transcription* (3) Cox  
Emphasis on speed and accuracy. Minimum speed of 100 words a minute attained in dictation. Prerequisite: Secretarial Studies 12 or the equivalent; ability to take dictation at 80 words a minute and to transcribe accurately; ability to type 50 words a minute. Laboratory fee, \$3. Evening.



16 *Secretarial Shorthand, Typewriting, and Transcription* (3) Cox

Dictation and transcription involving vocabularies used in specific businesses and professions. Minimum dictation speed of 120 words a minute attained. Prerequisite: Secretarial Studies 15 or the equivalent; ability to take dictation at 100 words a minute and to transcribe accurately; ability to type 55 words a minute. Laboratory fee, \$3. Evening.

51 *Business Correspondence* (3) Curry

Development of the technique of effective communication with reference to business letters and forms. Survey and analysis of current business literature. Prerequisite: English 1 and 2 or the equivalent. 1951-52 and alternate years, evening.

54 *Secretarial Practice* (3) Curry

Training in secretarial duties and in the use of secretarial equipment and supplies. Actual office experience involving the taking of dictation and the transcribing of various materials; composing business letters, reports, and other forms; preparing bills, statements, financial forms, and statistical records; modern filing systems. Prerequisite: Secretarial Studies 15 and 51; Accounting 1; or the equivalent. 1951-52 and alternate years. Time to be arranged.

## SOCIOLOGY

Harold Loran Geisert, Ph.D., *Professor of Sociology, Executive Officer*  
 Carr Bartleson Lavell, A.M., *Assistant Professor of Sociology*  
 Henry Davidson Sheldon, Ph.D., *Lecturer in Sociology*

*Bachelor of Arts with a major in Sociology (Columbia College—Departmental).*—Prerequisite: the Arts and Letters curriculum in the Junior College, see page 56, including Sociology 1-2. Required: the general requirements as stated on pages 71-74, including Sociology 172 and 181 and eighteen hours in second and third group courses in Sociology or closely allied fields or departments, if specifically approved in advance by the Department of Sociology.

*Master of Arts in the field of Sociology (Columbia College).*—Prerequisite: the degree of Bachelor of Arts with a major in Sociology in this University, or the equivalent. Required: the requirements for the degree are stated on pages 78-80. The thirty hours of required work must include a minimum of eighteen hours in third-group courses.

### FIRST GROUP

- 1-2 *Introductory Sociology\** (3-3) Lavell, \_\_\_\_\_  
 The origin and development of culture, man's social nature, types of groups and institutions, social processes, factors producing social problems, individual and social disorganization. Morning and evening sections. (Also offered 1951 summer term.)  
 Sociology 11—same as Sociology 1, but offered spring term. Morning.

### SECOND GROUP

- 123 *Fields of Social Work* (3) \_\_\_\_\_  
 The nature and scope of social work, development of social work programs, functions of social case work, social group work, public welfare, community organization and social action. Evening.
- 124 *Social Legislation* (3) \_\_\_\_\_  
 The principles, theories, and techniques of social legislation, relief of poverty, child welfare, housing and city planning, public health and recreation, social insurance. Evening.
- 126 *Urban Sociology* (3) Geisert  
 Types of cities; their origin, location, composition, functions, and problems; urban group life and personality; housing and other urban problems. Morning.
- 127 *Community Organization* (3)  
 The study of social interaction in American communities, factors making for disorganization, community leadership, methods of organizing social forces to meet community needs. 1952-53 and alternate years.

\* Sociology 1 is prerequisite to all other courses in Sociology.

- 131 *Social Institutions* (3) Sheldon  
The origin and development of social institutions, basic needs producing institutional forms, structures and functions of principal institutions and their interrelationship. Evening.
- 132 *Marriage* (3) Lavell  
The reasons for marriage, marriage laws, mate selection, courtship, husband-wife relations, factors in marital adjustment, marriage prediction and counseling. Morning. (Also offered 1951 summer term.)
- 133 *The Family* (3) Geisert  
A study of the primitive and modern family, changing functions and roles of the family and its members, factors promoting disorganization, family crises, family reorganization. Morning. (Also offered 1951 summer term.)
- 134 *Child Welfare* (3)  
The socialization of the child through the home and other social institutions; the changing status of childhood, dependent and handicapped children, child labor. 1952-53 and alternate years.
- 135-36 *Crime and Delinquency* (3) Geisert  
The nature and distribution of crime, factors producing criminal behavior, police systems, the criminal and juvenile courts, the prison system, probation and parole. Morning.
- 141 *Population Problems* (3)  
The composition of population, theories of population growth, quantitative and qualitative differences in population groups, trends in population growth, population policies. 1952-53 and alternate years. Summer term 1951.
- 142 *Human Migration* (3)  
Factors producing population movements, causes and consequences of international migrations, internal population redistribution, effects of selective migration. 1952-53 and alternate years.
- 151 *Industrial Sociology* (3) Lavell  
Interrelationships of industry and community; sociological analysis of work situation, labor movement, industrial leadership, and morale, and of the aged, ethnic, and woman worker. Morning.
- 162 *Social Change* (3)  
The effects of technological change on society, nature and theories of social change, factors promoting change; methods of analyzing the social effects of inventions. 1952-53 and alternate years.
- 164 *Social Control* (3) Sheldon  
Informal and formal phases of human control; analysis of methods of control used in modern society and the situations in which they occur, policies and techniques of control. Evening.
- 172 *Contemporary Social Theory* (3) Geisert  
A systematic study of the important schools of contemporary sociology, including recent European as well as American developments.



and an evaluation of the scientific contribution of each school.  
Morning.

- 181 *Methods of Social Research* (3) Geisert  
An analysis of social research techniques and the scientific method; the application of the case study, social survey, statistical, sociometric, and experimental methods to social data. Morning.

### THIRD GROUP

- 223 *Seminar: Social Structure* (3)  
Development and general characteristics of social structure, the role of customs in determining forms of structure, analysis of status by types: age, sex, vocational, social classes, and castes. 1952-53 and alternate years.
- 224 *Seminar: Current Trends in Sociology* (3)  
Analysis and evaluation of structural-functional theory of social systems, manifest and latent functions, and an appraisal of systematic theory in sociology. 1952-53 and alternate years.
- 227 *Seminar: Social Relations* (3) Geisert  
General characteristics of social groups, systematic group theory, sociology of groups, evaluation of sociometry, and other techniques of group research. 1951-52 and alternate years, evening.
- 228 *Seminar: Mass Communication* (3) Geisert  
The communication process; barriers to communication; structure and function of communication in society; content, control, support, and effects of mass communication. 1951-52 and alternate years, evening.
- 295-96 *Research* (arr.) The Staff  
Time and credits to be arranged.
- 299-300 *Thesis* (3-3) The Staff

## SPEECH

Lubin Poe Leggette, A.M., *Associate Professor of Speech, Executive Officer*

George Francis Henigan, Jr., Ph.M., *Associate Professor of Speech*

Calvin Weir Pettit, Ph.M., *Associate Professor of Speech; Director of Speech Clinic*

Edwin Lockwood Stevens, A.M., *Associate Professor of Speech*

Edith Shores Surrey, A.M., *Instructor in Speech*

Lee Sheward Bielski, A.M., *Instructor in Speech*

William Vorenberg, A.M., *Instructor in Speech*

*Bachelor of Arts with a major in Speech (Columbian College—Departmental).*

—The student may select one of three areas of concentration: (1) *Public Speaking*, (2) *Theatre*, (3) *Speech Correction*. Prerequisite: the Arts and Letters curriculum in the Junior College, see page 56, including Speech 1, 2, 11, and 32. The general requirements are stated on pages 71-74. Twenty-four of the required credit hours must be in second-group courses in the area selected and twelve hours in other areas as approved by the adviser in the major area.

*Master of Arts in Dramatic Art (Columbian College).*—Prerequisite: a Bachelor's degree from an accredited institution with a major in drama or the equivalent. The general requirements for the degree are stated on pages 78-80. A minimum of nine credit hours must be in third-group courses, a minimum of six credit hours must be taken in dramatic literature or criticism, and a maximum of six hours may be taken in closely related fields as approved by the Department. The candidate is responsible for arranging with instructors of second-group courses for extra work, in order to receive graduate credit for such courses.

### FIRST GROUP

#### A *Speech Clinic*

Pettit and Staff

Individual or group lessons, without academic credit, for such speech difficulties as lisping, cleft palate, articulatory problems, and stuttering. Fee: for individual lesson, \$5; for group lesson, \$3. (Also offered 1951 summer term.)

#### B *American Speech for Foreign Students*

The Staff

Individual or group instruction without academic credit, in the formation of the sounds of spoken English, with emphasis on rhythm and inflection. The International Phonetic Alphabet is used. Fee: for individual lesson, \$5; for group lesson, \$3. (Also offered 1951 summer term.)

#### 1 *Effective Speaking (3)*

The Staff

Preparation and delivery of extempore speeches; developing confidence and poise, body and voice control; selecting and organizing material. Recording fee, \$3. Morning, afternoon, and evening sections. (Also offered 1951 summer term.)

Speech 1x—same as Speech 1, but offered spring term. Morning, afternoon, and evening sections.

2 *Speech Making* (3)

The Staff

Special emphasis is placed on organization of material and elementary principles of persuasion. This course is a continuation of Speech 1, which is prerequisite. Recording fee, \$3. Morning, afternoon, and evening sections. (Also offered 1951 summer term.)

Speech 2x—same as Speech 2, but offered fall term. Morning and evening sections.

11 *Training the Speaking Voice* (3)

The Staff

Developing ease, naturalness, and clarity in the speaking voice. Analysis of individual voices through recordings. Phonetic approach to the study of the sounds of English, the standards of speech. Class instruction in the problems of rate, volume, pitch, and quality. Recording fee, \$3. Morning, afternoon, and evening sections. (Also offered 1951 summer term.)

Speech 11x—same as Speech 11, but offered spring term. Morning and evening sections.

32 *Oral Reading* (3)

The Staff

Reading to others, theory and practice in the problems of interpreting the printed page. Prerequisite: Speech 11 or the permission of the instructor. Recording fee, \$3. Morning, afternoon, and evening sections. (Also offered 1951 summer term.)

Speech 32x—same as Speech 32, but offered fall term. Morning, afternoon, and evening sections.

41 *Parliamentary Law* (3)

The correct procedure in forming an organization and in conducting its meetings in an orderly and businesslike manner. (Not offered in 1951-52.)

## SECOND GROUP

101 *Introduction to Phonetics* (3)

Bielski

The fundamental and critical analysis of the sound system of the English language. Attention to comparative phonetics and standards of pronunciation. Recording fee, \$3. Afternoon.

102 *Oral Interpretation of Literature* (3)

Vorenberg

Theory and practice in the problems of communicating meaning and emotion. Selections for study include poetry and prose. Prerequisite: Speech 32 or permission of the instructor. Recording fee, \$3. Afternoon.

109 *Radio Speaking and Production* (3)

Stevens

Radio speeches, interviews, and discussions; news reporting and interpreting; techniques of direction and production; plays; audience measurement. Prerequisite: Speech 32 or permission of the instructor. Recording fee, \$5. Afternoon.

131 *Group Discussion and Conference Leadership* (3)

Henigan

The process of thinking and problem solving in committees and small



groups, and the methods of leading discussions and conferences. Prerequisite: six credit hours of speech or the permission of the instructor. Afternoon.

- 136 *Public Discussion and Debate* (3) Henigan  
Principles and types of public discussion and debate; practice in argumentative speaking on questions of current interest. Prerequisite: six credit hours in speech or the permission of the instructor. Afternoon.
- 143 *Persuasion* (3)  
An advanced course in public speaking with emphasis on audience analysis and audience psychology; preparation and delivery of persuasive speeches; study of current public speeches. Prerequisite: nine credit hours of speech. (Not offered in 1951-52.)
- 145-46 *History and Criticism of Public Address* (3-3) Stevens  
A critical and historical survey of rhetorical theory and public address from Ancient Greece to the present. Prerequisite: nine credit hours of speech. Morning.
- 148 *Speeches for Special Occasions* (3)  
The preparation and presentation of speeches of introduction, presentation, acceptance, welcome, nomination, and eulogy. Prerequisite: nine credit hours of speech. (Not offered in 1951-52.)
- 151-52 *Acting* (3-3) Vorenberg  
Introductory study of the techniques of acting, as applied to various styles of dramatic form. Prerequisite: Speech 11, 32. Laboratory fee, \$5 a term. Lecture and laboratory (3 hours)—afternoon.
- 155-56 *Stagecraft* (3-3) Vorenberg  
Construction and painting of scenery. Laboratory fee, \$9 a term. Lecture and laboratory (3 hours) with additional hours for each major production. Afternoon.
- 157-58 *Theatre Management* (2-2) Vorenberg  
The psychology of press agency, building the subscription audience, box office and the buying public, the house manager in his own domain, treatment of public by personal contact between and during shows, "selling theatre". Lectures and practical work on the public performances. Evening.
- 160 *Costuming* (2)  
A study of the basic characteristics of period costumes and their adaptation for the stage. Laboratory fee, \$6. Lecture and laboratory (3 hours) with additional hours on each public production. (Not offered in 1951-52.)
- 163-64 *Play Direction* (3-3) Vorenberg  
The problems involved in directing plays. Admission by permission of the instructor. Laboratory fee, \$6 a term. Lecture and laboratory (3 hours). Evening.

165-66 *History of the Theatre* (3-3)

Mowry

A general survey of the rise of the theatre, the Classical, Medieval, Renaissance, later English and Continental, and the Modern theatre. Admission by permission of the instructor. Evening.

167 *Playwriting* (3)

The theory and technique of playwriting. Admission by permission of the instructor. (Not offered in 1951-52.)

169 *Scene Design and Stage Lighting* (2)

A study of design and lighting as applied to the artistic and practical stage setting. Prerequisite: Speech 155-56. Laboratory fee, \$0. Lecture and laboratory (3 hours) with additional hours on each public production. (Not offered in 1951-52.)

175-76 *Speech Correction* (3-3)

Pettit

A study of the causes of the disorders of speech with emphasis on methods in diagnosis and treatment of defective speech. Prerequisite: Speech 11 and 101 or permission of the instructor. Laboratory fee, \$5 a term. Afternoon.

177 *Hearing Rehabilitation* (3)

Pettit

A study of the anatomy of the ear, tests of hearing, fitting of hearing aids, speech reading, and auditory training. Prerequisite: Speech 11 and 101 or permission of the instructor. Laboratory fee, \$5. Afternoon.

178 *Clinical Practice in Speech Therapy* (1)

Pettit

Case work in remedial speech. This course may be repeated for a total of three credit hours. Prerequisite: Speech 175. Time to be arranged.

Speech 178x—same as Speech 178, but offered fall term. Time to be arranged.

179 *Clinical Practice in Hearing Therapy* (1)

Pettit

Case work with persons handicapped with hearing losses. This course may be repeated for a total of three credit hours. Prerequisite: Speech 177. Time to be arranged.

Speech 179x—same as Speech 179, but offered spring term. Time to be arranged.

180 *Speech Pathology* (3)

Pettit

An advanced study of the causes and symptoms of the major physiogenic and psychogenic speech disorders. Prerequisite: permission of the instructor. Afternoon.

## THIRD GROUP

251 *Styles in Acting* (3)

Vorenberg

A historical investigation and application of period styles and other styles evolving from dramatic forms. Prerequisite: Speech 151. Evening.

254 *Advanced Play Direction* (3)

Vorenberg

A study of modern styles in staging plays and modified techniques from the Greeks to the nineteenth century theatre. Prerequisite: Speech 163-64. Evening.

263-64 *Seminar* (3-3)

Leggette

299-300 *Thesis* (3-3)

The Staff



## STATISTICS

Frank Mark Weida, Ph.D., *Professor of Statistics, Executive Officer*  
 Everett Herschel Johnson, Ph.D., *Associate Professor of Statistics*  
 \_\_\_\_\_, *Assistant Professor of Statistics*

*Bachelor of Arts and Bachelor of Science with a major in Mathematical Statistics (Columbian College—Field-of-Study).*—Prerequisite: the Arts and Letters or the Science curriculum, respectively, in the Junior College, see pages 56 and 57. Electives must include Mathematics 12, 19, and 20, and Philosophy 121 and 122.

Required: the general requirements stated on pages 71-74, including Statistics 115-16, 117, 118, 155-56, and 157-58; a minimum of twenty-four credit hours of second-group courses in departments unrelated to Statistics; and the grade of "pass" on the major examination at the end of the senior year. For further details, consult the Adviser.

*Master of Arts and Master of Science in the field of Mathematical Statistics (Columbian College).*—Prerequisite: a Bachelor of Arts or Bachelor of Science degree, respectively, with a major in Statistics at this University, or the equivalent. Required: the general requirements as stated on pages 78-80. The required thirty credit hours are to be selected from approved third-group courses in Statistics.

*Bachelor of Science in Engineering with an option in Statistics (School of Engineering).*—For curriculum requirements, see pages 116 and 120-21.

For information concerning *Bachelor of Arts and Master of Arts* curricula in the School of Government with various *Field-of-Application* majors in Statistics, see pages 153-56 and 158-60.

### FIRST GROUP

#### 51 *Introduction to Business and Economic Statistics* (3)

The Staff

Survey of elementary principles and procedures for presenting, analyzing, and interpreting statistical data; consideration of characteristic values, measures of variability, sampling processes, index numbers, time series analysis, and simple correlation. Prerequisite: one entrance unit in algebra. Laboratory fee, \$6. Lecture (2 hours)—morning and evening sections; laboratory (2 hours)—afternoon and evening sections. (Also offered 1951 summer term.)

Statistics 51x—same as Statistics 51, but offered spring term. Evening.

#### 52 *Mathematics of Finance* (3)

The Staff

Interest and discount, annuities, valuation of stocks and bonds, sinking funds, amortization, valuation of depletable assets, depreciation, building and loan associations. Prerequisite: one entrance unit in algebra. Morning and evening sections. (Also offered 1951 summer term.)

Statistics 52x—same as Statistics 52, but offered fall term. Evening.

53 *Introduction to Statistics in Psychology and Education* (3) The Staff

Sources of data, tabulation, charts and graphs, averages, dispersion, quartiles and percentiles, raw scores and derived scores, profiles, norms and their use, frequency distributions, intelligence and other quotients, reliability and validity of tests, normal curve, correlation, elementary sampling, statistical error, limitations of statistics. Prerequisite: one entrance unit in algebra. Laboratory fee, \$6. Lecture (2 hours)—morning and evening sections; laboratory (2 hours)—afternoon and evening sections.

Statistics 53x—same as Statistics 53, but offered spring term. Morning and evening sections.

54 *Introduction to Actuarial Science* (3) Weida  
Gompertz and Makeham laws of mortality, life contingencies, life annuity premiums, life insurance premiums, reserves, risk, cost, social and other types of insurance. Prerequisite: Statistics 52. (Not offered in 1951-52.)

SECOND GROUP

105 *Statistics in Psychology and Education* (3) Weida

Advanced study of correlation and frequency analysis, sampling theory, factor analysis, and applications to specific problems utilizing case method of study insofar as possible. Original work is required of each student. Prerequisite: Statistics 53. Laboratory fee, \$6. Lecture (2 hours), laboratory (2 hours)—evening.

106 *Factor Analysis* (3) Weida

The resolution of mental abilities into factors; the two factor theory; the multiple factor theory; tetrads and tetrad differences; tetrad correlation and reliability; overlapping variables. Prerequisite: Statistics 53 and 105. Evening.

†107-8 *Biostatistics* (3-3)

Probability and significance, designing experiments, reliability of data, distributions, curve fitting, tests of significance, analysis of variance, correlation. Applications to genetics, anthropology, bacteriology, physiology, pharmacology, life tables, mortality rates and dose-mortality curves; as well as general biology. Prerequisite: one entrance unit in algebra. (Not offered in 1951-52.)

109 *Managerial Statistics* (3) Johnson

Role of statistics and the contribution of statistical procedures in various phases of business management with emphasis on the need for and usefulness of the statistical method rather than the mechanics of analysis. Subject matter comprises sources and methods for collecting data, effective forms of presentation, techniques for summarizing and analyzing quantitative and qualitative information, interpretation of and inferences from available data. Admission by permission of the instructor or following Statistics 51. Morning and evening sections.

- 110 *Quality Control Techniques* (3) Johnson  
Characteristics; scientific basis; reduction in cost of inspection, rejections, and tolerance limits; quality as an attribute; distribution of quality characteristics; laws basic to control; statistical and maximum control; detection of lack of control. Admission by permission of the instructor or following Statistics 51.
- 111 *Business and Economic Statistics I* (3) Johnson  
Statistical processes as related to particular types of problems encountered in business administration and economic research. Subject matter comprises characteristic values, measures of variability, sampling processes, sampling distributions, and simple correlation. Admission by permission of the instructor. Morning and evening sections.
- 112 *Business and Economic Statistics II* (3) Johnson  
Application of statistical methods to specific problems of business administration and economics. Subject matter comprises multiple and partial correlation, time series analysis, index numbers, business cycles, demand functions, and depreciation schedules. Prerequisite: Statistics 111 or the equivalent. Morning and evening sections.
- †115-16 *Principles of Statistical Methods\** (3-3) Weida  
This course emphasizes the meaning, uses, and applications of: variates and attributes, measurement and enumeration, averages and dispersion, frequency distributions and their characteristics, errors of measurement and their control, index numbers, trends, cyclical relatives, purposive and random sampling in theory and practice and their errors and estimates, correlation in theory, practice, and applications. Prerequisite: one entrance unit in algebra. Laboratory fee. \$6 a term. Lecture (2 hours); laboratory (2 hours). Evening. (Also offered 1951 summer term.)
- 117 *Analysis of Variance* (3)  
The analysis of variance and covariance to segregate factors producing significant variation, a method to estimate experimental error, multiple classification with unequal class frequencies. Prerequisite: Statistics 115-16. Evening. (Also offered 1951 summer term.)
- 118 *Correlation and the Chi-Square Test* (3)  
Advanced study of simple, partial, and multiple correlation. Rank correlation, the method of contingency, and the problem of normal and non-normal populations. Tests of independence, likeness, and goodness of fit. Prerequisite: Statistics 115-16. Evening. (Also offered 1951 summer term.)
- †155-56 *Mathematical Probability* (3-3)  
Definitions, enumeration of cases, total and compound probability, repeated trials, Bayes' theorem and postulate, Bernoulli's theorem and its experimental verification, mathematical expectation, law of large numbers and its applications. Prerequisite: Mathematics 20 and Statistics 115-16. Evening.

\* Statistics 115-16 is for statistics majors, for students desiring to become statisticians, and for students in engineering and the biological and physical sciences.



- †157-58 *Mathematical Statistics* (3-3) Wann  
 Statistics as a science, types of problems, relative frequency and probability, binomial and multinomial distributions, Pearson system of curves, Gram-Charlier series, Cauchy distribution, correlation by regression method, Lexis theory of dispersion, generating functions, simple sampling theory, moments and semi-invariants. Prerequisite or concurrent registration; Statistics 155-56. Evening.
- 159 *Calculus of Observations* (3) Weida  
 Interpolation; finite differences; least squares and theories of error; method of iteration; numerical differentiation and integration; numerical solution of algebraic, transcendental, differential, and integral equations; errors of observation; practical Fourier analysis; empirical formulas; and curve fitting. Prerequisite: Statistics 115-16 or permission of the instructor. (Not offered in 1951-52.)
- 161-62 *Techniques of Statistical Analysis* (3-3) Weida  
 Industrial and other statistics, planning experiments, selection of techniques, sampling theory and practice. Prerequisite: Statistics 158 or the equivalent. (Not offered in 1951-52.)
- †197-98 *Statistical Mathematics* \* (3-3)  
 Matrix algebra, quadratic forms, contour integration, measure theory, Stieltjes integration, Cauchy theory of residues,  $n$ -dimensional geometry in flat spaces. Prerequisite: Mathematics 139 or the equivalent. (Not offered in 1951-52.)
- †199-200 *Proseminar: Theoretical and Applied Statistics* (3-3) Weida  
 In addition to the study of recent advances in statistical methods, this course is designed to coordinate the content of the baccalaureate major. Admission by permission of the instructor. Time to be arranged.

## THIRD GROUP \*

- 201 *Design of Experiments* (3)  
 Relative merits of random, repeated, stratified, and double sampling; Fisher-Pitman method of randomization; randomized blocks; Latin squares; factorial design; confounding, partial confounding. (Not offered in 1951-52.)
- 202 *Theory of Estimation and Testing Hypotheses* (3)  
 Statistical hypotheses; maximum likelihood estimate; Markoff's best estimate; Neyman-Pearson theory of testing hypotheses; Bayes' theory; consistent, efficient, and sufficient statistics; theory of confidence intervals. (Not offered in 1951-52.)
- †203-4 *The Theory of Econometrics* (3-3) Johnson  
 Statistical methods applied to the analysis of production, supply, and demand; utility and disutility; interest and taxation; exchange. Stress is placed on the interpretation of results in terms of probability.

\* Statistics 197-98 is prerequisite to all third-group courses except Statistics 203, 204, 205, 206.

Correlation and regression of time series. Admission by permission of the instructor. (Not offered in 1951-52.)

†205-6 *Advanced Business and Economic Statistics* Johnson  
(3-3)

Application of statistical methods to specific problems utilizing case method insofar as possible. Emphasis is placed on source materials, role of statistical methods, techniques of analysis, interpretation and presentation of results. Original work is required of each student. Prerequisite: Statistics 112 or the equivalent. Evening.

†257-58 *Advanced Mathematical Statistics* (3-3)

Mathematical basis of distribution functions, moments and cumulants, probability and likelihood, sampling distributions exact and approximate, Chi-square distribution, association and contingency, various conceptions of correlation, individual difference problem, time series, regression analysis, analysis of variance, theories of inference. Evening.

†259-60 *Advanced Mathematical Probability* (3-3)

Modern theories and asymptotic laws; elementary theory of definite integration; limit theorems in probability; the contributions of Cramer, Frechet, Kolmogoroff, Khintchine. Prerequisite: Statistics 257-58 or the equivalent. (Not offered in 1951-52.)

†263-64 *Statistical Inference* (3-3)

Sample space; methods for estimating population parameters; fiducial inference and its application to testing hypotheses; valid, efficient, and exact estimation; Student's distribution; variance distribution; sampling statistics, i.e., moments and cumulants used as estimates of population parameters and used to test hypotheses. Prerequisite or concurrent registration: Statistics 257-58 or the equivalent. Evening.

†265-66 *Multivariate Analysis* (3-3)

Tests of significance, generalized variance and covariance, tests of independence, canonical and vector correlations, multivariate, normal distribution, generalized Student's ratio, problems of estimation, applications to factor analysis. (Not offered in 1951-52.) Weida

†267-68 *Characteristic Functions* (3-3)

Fourier integrals, set functions, inversion formulas, limit theorems, applications to the distribution problem in statistics. (Not offered in 1951-52.)

†269-70 *Sequential Testing* (3-3)

Efficiency of sequential tests, sequential probability ratio test, expected number of observations necessary for a decision, truncated sequential analysis, sequential tests of single and composite hypotheses. (Not offered in 1951-52.) Weida

295-96 *Reading and Research* (3-3)

Admission by permission of the instructor. Time to be arranged. Weida

299-300 *Thesis* (3-3)

## SURGERY

- Brian Blades, A.B., M.D., *Professor of Surgery, Executive Officer*  
 Daniel LeRay Borden, A.M., M.D., *Clinical Professor of Surgery*  
 Paul Stirling Putzki, M.D., *Clinical Professor of Surgery*  
 Arch Lockhart Riddick, B.S., M.D., *Clinical Professor of Surgery*  
 Custis Lee Hall, M.D., *Clinical Professor of Surgery*  
 John Hugh Lyons, M.S., M.D., *Clinical Professor of Surgery*  
 Paul Budd Magnuson, M.D., *Adjunct Clinical Professor of Surgery*  
 John Gordon Lee, A.B., M.D., C.M., Med. Sc.D., *Adjunct Clinical Professor of Surgery*  
 Sam Foster Seeley, B.S., B.M., M.D., *Adjunct Clinical Professor of Surgery*  
 Wallace Harry Graham, B.S., M.D., *Professorial Lecturer in Surgery*  
 Herbert Hermann Schoenfeld, M.D., *Associate Clinical Professor of Surgery*  
 Alec Horwitz, M.S., M.D., *Associate Clinical Professor of Surgery*  
 William Stanley McCune, A.B., M.D., *Associate Clinical Professor of Surgery*  
 Edward James Beattie, Jr., M.D., *Assistant Professor of Surgery*  
 Benjamin Franklin Dean, Jr., M.S., M.D., *Assistant Clinical Professor of Surgery*  
 Vincent Michael Iovine, B.S., M.D., *Assistant Clinical Professor of Surgery*  
 Carl Berg, M.D., *Assistant Clinical Professor of Orthopedic Surgery*  
 Calvin Trexler Klopp, A.B., M.D., *Assistant Clinical Professor of Surgery*  
 Julius Salem Neviaser, A.B., M.D., *Assistant Clinical Professor of Orthopedic Surgery*  
 Jerome Blaine Harrell, M.D., *Assistant Clinical Professor of Surgery*  
 Leonard Theodore Peterson, A.B., B.S., M.D., *Assistant Clinical Professor of Orthopedic Surgery*  
 Richard Knight Thompson, D.D.S., *Associate in Dental Surgery*  
 William Ross Morris, M.D., *Associate in Surgery*  
 Jacob Joseph Weinstein, B.S., Phar.G., M.D., *Associate in Surgery*  
 William Carey Meloy, M.D., M.S. in Med., *Associate in Surgery*  
 Edward Alexander Cafritz, M.D., *Associate in Surgery*  
 Walter Henry Gerwig, Jr., A.B., M.D., *Assistant Clinical Professor of Surgery*  
 Karl Hayden Wood, Ph.G., D.D.S., *Associate in Dental Surgery*  
 James Leo Kelley, A.B., M.D., *Instructor in Surgery*  
 John Mitchell, M.D., *Instructor in Surgery*



- Crenshaw Douglas Briggs, B.S., M.D., *Clinical Instructor in Surgery*  
 Joseph Francis Conlon, D.D.S., *Clinical Instructor in Dental Surgery*  
 Duane Case Richtmeyer, A.B., M.D., *Clinical Instructor in Surgery*  
 \*Richard Lee Jackson, M.D., *Clinical Instructor in Surgery*  
 Leon Gerber, M.D., *Clinical Instructor in Surgery*  
 Thomas Bradley, A.B., M.D., *Clinical Instructor in Surgery*  
 Lloyd Byron Burk, Jr., M.D., *Clinical Instructor in Surgery*  
 Ernest Alva Gould, M.D., *Clinical Instructor in Surgery*  
 Austin Bertram Rohrbaugh, Jr., M.D., *Clinical Instructor in Orthopedic Surgery*  
 T. Wiley Hodges, A.B., M.D., *Clinical Instructor in Orthopedic Surgery*  
 Marvin Hayne Kendrick, A.B., M.D., *Clinical Instructor in Surgery*  
 \*Brooks Gideon Brown, B.S., M.D., *Clinical Instructor in Surgery*  
 Gordon Sparks Letterman, A.B., B.S., M.D., *Clinical Instructor in Surgery*  
 Lois Irene Platt, A.B., M.D., *Clinical Instructor in Surgery (Cancer Cytology)*  
 John Decator Hoyle, B.S., M.D., *Clinical Instructor in Surgery*  
 Henry Leon Feffer, A.B., M.D., *Clinical Instructor in Orthopedic Surgery*  
 Edward Kaden Tierney, A.B., M.D., *Clinical Instructor in Surgery*

- 280 *Introduction to Surgery* The Staff  
 One hour twice a week. Lectures and recitations covering the field of general surgery.
- 284 *Surgical Physiology* The Staff  
 A clinical and laboratory course with particular emphasis on applied physiology. Two hours a week.
- 373-74 *Clinical Clerkship I* The Staff  
 The student is assigned and required to work up thoroughly the cases for diagnosis and treatment. Gallinger Hospital.
- 375-76 *Ward Walks* The Staff  
 Group ward rounds are made with the visiting physicians and their respective staffs in the course of their usual rounds. Gallinger Hospital.
- 377-78 *Orthopedics I* The Staff  
 Weekly orthopedic lecture, Gallinger Hospital; weekly three-hour orthopedic clinic, Surgery Outpatient Department, University Hospital.
- 379-80 *Surgical Staff Conference I* The Staff  
 Tuesday at Gallinger Hospital; Wednesday at the University Hospital.
- 383-84 *Surgical Clinic I* Blades  
 Demonstration of various surgical diseases to the entire third- and fourth-year classes. One hour a week.

\* On military leave effective February 14, 1951.

- 385 *Surgical Anatomy* Horwitz  
Two one-hour lectures a week. University Hospital.
- 391-92 *Surgical Pathology I* Hill  
One hour conference each week.
- 473-74 *Clinical Clerkships II* The Staff  
Available at the University, Walter Reed, Emergency, and Mt. Alto hospitals.
- 477-78 *Orthopedics II* The Staff  
Weekly orthopedic lecture, Gallinger Hospital; weekly three-hour orthopedic clinic, Surgery Outpatient Department, University Hospital.
- 479-80 *Surgical Staff Conference II* The Staff  
Tuesday at Gallinger Hospital; Wednesday at the University Hospital.
- 483-84 *Surgical Clinic II* Blades  
Demonstration of various surgical diseases to the entire third- and fourth-year classes. One hour a week.
- 491-92 *Surgical Pathology II* Hill  
One hour conference each week.
- 493-94 *Surgical Diseases of the Chest* Blades and Staff  
(Elective)  
Patients with various diseases of the chest, including the lungs, mediastinum and esophagus are presented. The cases are followed from week to week and operative specimens and microscopic sections are demonstrated. Walter Reed Hospital. Two hours a week.

## UROLOGY

Frederick A. Reuter, M.D., *Professor of Urology, Executive Officer*  
 Thomas Carlton Thompson, B.S., M.D., *Clinical Professor of Urology*  
 Gilbert Ottenberg, A.M., M.D., *Associate in Urology*  
 William Dabney Jarman, B.S., M.D., *Associate in Urology*  
 Edward Egner Ferguson, M.D., *Associate in Urology*  
 Leon Richard Culbertson, B.S., M.D., *Associate in Urology*  
 Gordon Rhodes MacDonald, B.S., M.D., *Clinical Instructor in Urology*  
 Herbert DeGrange Wolff, Jr., M.D., *Clinical Instructor in Urology*

### 395-96 *Clinics*

The Staff

Clinical teaching and demonstrations on the care of urological cases  
 with special emphasis on the pre- and post-operative management.  
 Operative clinics and clinical teaching. Gallinger Hospital.

### 491-92 *Urology*

Reuter and Staff

Lectures covering the entire field of urology including diagnosis, treat-  
 ment, and morbid pathology. One hour a week.

### 495-96 *Clinics*

Reuter and Staff

Clinical demonstrations and teaching in the Outpatient Department,  
 with special attention given to diagnostic procedures. Emergency and  
 University hospitals. One part of each section daily.



## ZOOLOGY \*

Donnell Brooks Young, Ph.D., *Professor of Zoology*  
 Ira Bowers Hansen, Ph.D., *Professor of Zoology, Executive Officer*  
 Kenneth Casper Kates, Ph.D., *Professorial Lecturer in Zoology*  
 Edith Elizabeth Mortensen, Ph.D., *Associate Professor of Zoology*  
 Francis Lincoln Lambert, B.S., *Instructor in Zoology*

*Bachelor of Arts and Bachelor of Science (Columbian College—Field-of-Study).*  
 —Prerequisite: the Arts and Letters or the Science curriculum, respectively, in the Junior College, see pages 56–57, including Zoology 1–2. Required: the general requirements as stated on pages 71–74, and the grade "pass" on the Zoology major examination at the end of the senior year. The correlated knowledge upon which the student will be examined includes the following fields: (1) classification, structure, and ecological relations of animals, both invertebrate and vertebrate; (2) embryological development and life histories of important animal types; (3) general principles of physiology, heredity, and evolution; (4) the development of biological principles, hypotheses, and theories as revealed in the study of the history of zoology.

*Master of Arts and Master of Science in the field of Zoology (Columbian College).*—Prerequisite: the degree of Bachelor of Arts or Bachelor of Science, respectively, with a major in Zoology at this University, or the equivalent. Required: the general requirements as stated on pages 78–80.

### FIRST GROUP

#### 1–2 *Introduction to Zoology* (4–4) Young, Lambert

An introduction to the study of the structure, functions, and relation of animals, and of the fundamental biological principles involved. Material fee, \$9 a term. Lecture (2 hours)—morning and evening sections; laboratory (4 hours)—morning, afternoon, and evening sections. (Also offered 1951 summer term.)

Zoology 1x—same as Zoology 1, but offered spring term. Morning.

#### 41–42 *Comparative Vertebrate Anatomy* (3–3) Hansen

Lectures on the organ systems of the vertebrates; laboratory dissections of types. Prerequisite: Zoology 2. Material fee, \$9 a term. Lecture (1 hour)—afternoon and evening sections; laboratory (4 hours)—morning and evening sections. (Also offered 1951 summer term—Zoology 41 (3).)

### SECOND GROUP

#### 101–2 *Invertebrate Zoology* (3–3) Mortensen

A systematic study of invertebrate forms, including the study of morphology, classifications, life histories, and phylogenetic relationships. Occasional field trips. Prerequisite: Zoology 1–2 or Biology 1–2. Material fee, \$6 a term. Lecture (1 hour); laboratory (4 hours). Afternoon.

\* See also the departments of Biology and Botany.

- 105 Entomology (3)** Munson  
A study of the elementary morphology, physiology, and ecology of insects, with an introduction to the taxonomy of the more important groups. Prerequisite: Zoology 1-2, or the equivalent. Material fee, \$6. Lecture (1 hour), laboratory (4 hours)—morning.
- 122 Zoological Theories (3)** Young  
A review of the theories which have affected the development of the various phases of the progress of Zoology. Prerequisite: Zoology 1-2 and one additional year of a biological science. Morning.
- 137 Histology (3)** Young  
An introduction to the microscopical anatomy of normal tissues and organs. Prerequisite: Zoology 1-2. Material fee, \$9. Lecture (1 hour), laboratory (4 hours). 1951-52 and alternate years, evening. 1952-53 and alternate years, afternoon. (Also offered 1951 summer term.)
- 144 Introduction to Vertebrate Embryology (3)** Hansen  
The origin and early development of the individual and the formation of organ systems. Emphasis is placed on the frog, chick, and pig, with reference to the human embryo. Prerequisite: Zoology 2, and 41 or 42. Material fee, \$9. Lecture (1 hour); laboratory (4 hours)—afternoon. (Also offered 1951 summer term.)  
Zoology 144x—same as zoology 144, but offered fall term. Evening.
- 147-48 Morphogenesis (3-3)** Hansen  
Lectures and class reports on experimental morphology. Prerequisite: Zoology 41-42 or the equivalent. 1952-53 and alternate years, evening.
- 152 Protozoa (3)** Mortensen  
An introduction to the protozoa: classification, life histories, and physiology, with special emphasis on free-living types. Prerequisite: Zoology 1. Material fee, \$6. Lecture (1 hour); laboratory (4 hours). 1951-52 and alternate years, evening.
- 156 Parasitology (3)** Kates  
An introduction to the study of animal parasitology, with a survey of parasitic types from protozoa through arthropods. Prerequisite: Zoology 1-2 or the equivalent. Material fee, \$9. Evening.
- 162 Insect Physiology (3)** Munson  
Lectures and laboratory work on the physiology of insects. Admission by permission of the instructor. Material fee, \$9. Morning.
- 171-72 Special Problems (3-3)** The Staff  
Written approval of the instructor is required. Material fee, \$9 a term. Time to be arranged.
- 199-200 Proseminar (3-3)** The Staff  
A course designed to correlate and supplement the work of zoology majors. Morning and evening sections.

## THIRD GROUP

- 203-4 *Seminar in Invertebrate Zoology* (3-3) Mortensen  
Time to be arranged.
- 214 *Advanced Invertebrate Zoology* (3) Mortensen  
Lectures and laboratory work on problems in invertebrate physiology.  
Prerequisite: Zoology 1 and 101-2 or the equivalent. Material fee.  
\$6. Lecture (2 hours); laboratory (2 hours). 1952-53 and alternate years, evening.
- 251-52 *Seminar in Vertebrate Zoology* (3-3) Hansen  
Time to be arranged.
- 295-96 *Research* (arr.) The Staff  
Investigation of special problems. Time and credits to be arranged.  
(Also offered 1951 summer term.)
- 299-300 *Thesis* (3-3) The Staff  
Time to be arranged. (Also offered 1951 summer term.)





STUDENT LIFE





## STUDENT LIFE

### HEALTH ADMINISTRATION

The University maintains a health service that is primarily diagnostic in its intent. For medical emergencies and health consultations there is, on the Campus, a Student Health Clinic open from 9:00 A.M. to 5:00 P.M., with physician and nurse in attendance. There is also a rest room for women, with a graduate nurse in charge.

Medical privileges include: (1) the physical examination of every student entering from secondary school; (2) three visits by the University physician or surgeon, office or residence (District of Columbia) in any one illness, exclusive of a specialist, surgical operation, laboratory, or X-ray examination; (3) hospitalization, including board and nursing, in the University Hospital for not more than one week during any twelve-month period. For a statement of the rules governing medical and hospital privileges, see the Department of Health Administration.

### LIVING ACCOMMODATIONS

*Women Students.*—Women students under twenty-one years of age who are enrolled for twelve or more credit hours of academic work in the University must have their residences approved by the Director of Activities for Women before their registrations can be completed. In the Hattie M. Strong Residence Hall single rooms are \$35 a month; double rooms are \$28 a month a person. Meals are served at the Student Union. Applications for rooms should be made well in advance. Forms for application, together with detailed information, may be obtained from the Director of Activities for Women.

*Men Students.*—Welling Hall provides double room facilities for 102 students. Rooms rent for \$24 a month a person. Dining facilities are available to all residents. Single and double rooms are provided for 203 students in Draper and Bradley Halls. These are temporary dormitories and residence is restricted to veterans of World War II who are enrolled for a minimum of twelve credit hours of academic work in the University. Single rooms are \$17 a month; double rooms are \$13 a month a person. The University maintains a limited number of temporary apartment units for married veteran students and their families subject to the same requirements for tenancy as above. Meals are served at the Student Union. Application forms for reservations may be obtained from the Director of Activities for Men.

Information concerning private rooming and boarding facilities near

the University for women students twenty-one years of age or older and for men students may be obtained at the offices of the Director of Activities for Women and the Director of Activities for Men. The reservation of rooms in private houses must be made by students.

#### RELIGIOUS LIFE

The University recognizes the contribution that religion can make to the education of its students by encouraging them to participate in denominational clubs of their own choice. National Catholic, Jewish, and Protestant bodies sponsor these religious organizations, which act as links between the University and the local churches. The Director of the University Chapel and the advisers to the various denominational organizations are available throughout the year for consultation on personal problems.

#### UNIVERSITY CHAPEL

The University Chapel is maintained as a non-sectarian expression of the faith of the University in the contribution that religion can make to the education of its students. Twenty-minute services are held Wednesday of each week at 12:10 P.M. Representative clergymen of Washington are guest speakers at these non-denominational services.

#### PLACEMENT OFFICE

The Placement Office, 724 Twenty-second Street N.W., provides assistance to students and alumni seeking full- and part-time employment. This office maintains a registry of vacancies in the Government and in private industry and refers qualified applicants for consideration. Information is also available on Civil Service examinations. The Placement Office arranges for interviews between students and those representatives of national, regional, and local business and industrial organizations who periodically visit the University.

The prospective student who expects to earn part of his expenses and who does not have a definite appointment to a position should have the means of support for at least one term. The obtaining of a position is contingent on so many factors that immediate employment cannot be assured.

#### VOCATIONAL COUNSELING

The Washington Counseling Center, established by the University, is at 2011 H Street N.W. The Center offers educational and vocational counseling service, advice on social and personal problems, a psychometric service in tests and measurements, and the use of files of occupational information and training opportunities.

### STUDENT UNION

The Student Union, 2125 G Street NW., is the center for student life. From the cafeteria and snack bar on the first floor to the game room on the fourth floor, it is well planned to meet the students' need for meals, study, recreation, and activities. In addition to the recreation lounge and social lounge the Student Union provides office space for the Student Council and for the other major student organizations.

The Student Activities Office, also in the Student Union, has available information concerning the student organizations and campus events.

### INTERNATIONAL HOUSE

The International House, 2116 G Street NW., is the social center for students from foreign countries. A series of teas, dances and other forms of entertainment, and the use of club rooms and lounge enable students to become acquainted and feel at home in the University.

The International Students' Society, now in its nineteenth year, welcomes as members students from other lands as well as North American students.

The Adviser to Students from Foreign Countries, whose office is in International House, is available for advice and guidance.

### STUDENT ACTIVITIES

#### DIRECTORS OF STUDENT ACTIVITIES

The University maintains the offices of the Director of Activities for Men and the Director of Activities for Women, for the guidance of students in all nonacademic phases of student life, such as, student activities, social life, and housing. The directors are available for individual counseling concerning personal adjustment to university life.

### STUDENT GOVERNMENT

#### Student Council

The Student Council is responsible to the Director of Activities for Men and the Director of Activities for Women for the conduct of all student activities. Members of the Council are elected annually.

#### Committee on Student Life

The Committee on Student Life, composed of five faculty members and six student members, is the judicial branch of the student government. It may review acts of all student organizations, including the Student Council, with power to set aside such acts if they are unconstitutional.



*Approval of Student Organizations.*—The establishment of new student organizations must have the approval of this Committee. No student club or society (except social fraternities, sororities, scholastic honor societies, religious or professional clubs or societies) organized as a branch or affiliate of a non-George Washington University organization will be recognized by the Committee on Student Life.

#### ELIGIBILITY FOR STUDENT ACTIVITIES

Any student registered in The George Washington University who has a general average of not less than C (2.00) is eligible to participate in non-athletic student activities, subject to conditions specified by the local or national organization, approved by the Committee on Student Life.

The rules and policies of the Southern Conference govern participation in intercollegiate athletics.

The control and administration of all student activities are outlined in a separate bulletin.

#### STUDENT ORGANIZATIONS

##### HONOR SOCIETIES

*Phi Beta Kappa.*—A national honor society recognizing "outstanding intellectual capacity well employed" in the field of liberal arts and sciences. Senior and junior students who are candidates for the degree of Bachelor of Arts or Bachelor of Science in Columbian College (in exceptional cases, senior and junior students in other non-professional divisions of the University) and who have shown broad cultural interests, distinguished scholarly achievement, high character, general promise, and scholarly ideals may, to a number not exceeding 15 per cent of a class, be elected to membership by the Faculty members of the Alpha Chapter of the District of Columbia.

*Sigma Xi.*—A national scientific honor society, the purpose of which is to encourage original investigation in science pure and applied. Outstanding graduate students in the sciences are eligible for full membership, and undergraduates who have shown marked ability in research may be elected to associate membership.

*Alpha Lambda Delta.*—A national fraternity established to encourage and reward high scholarship and attainment, membership in which is limited to those freshmen women who attain a scholastic average of at least 3.50.

*Alpha Pi Epsilon.*—An honorary fraternity for students in home economics.

- Artus*.—A national economic society.
- Delphi*.—An intersorority society.
- Delta Sigma Rho*.—A national forensic honor society.
- Gate and Key*.—An interfraternity society.
- Iota Sigma Pi*.—A national honorary chemical society for women.
- Kappa Kappa Psi*.—A national honor society for college bandmen.
- Mortar Board*.—A national honorary society for senior college women.
- stressing leadership, scholarship, and service.
- Omicron Delta Kappa*.—A national fraternity emphasizing leadership in extracurricular activities.
- Order of the Coif*.—A national legal society, the purpose of which is to foster a spirit of careful study and to mark in a fitting manner those who have attained a high grade of scholarship. Members are elected each year from the highest 10 per cent of the graduating class of the Law School.
- Phi Eta Sigma*.—A national fraternity, established to encourage and reward high scholarship and attainment, membership in which is limited to those freshmen men who attain a scholastic average of at least 3.50.
- Pi Delta Epsilon*.—A national honorary collegiate journalism fraternity.
- Phi Epsilon Phi*.—An honorary botany fraternity.
- Pi Gamma Mu*.—A national social-science society.
- Psi Chi*.—A national honorary psychology fraternity.
- Sigma Pi Sigma*.—A national honorary physics fraternity.
- Sigma Tau*.—A national engineering fraternity, the purpose of which is to recognize scholarship and professional attainment.
- Smith-Reed-Russell Society*.—A scholastic society in the School of Medicine. Students of the third and fourth years who maintain a scholastic average of 86 per cent are eligible for associate membership.
- William Beaumont Medical Society*.—A society founded with the object of encouraging and stimulating medical students in work of individual investigation.

#### PROFESSIONAL ORGANIZATIONS

- Alpha Chi Sigma (chemistry), Alpha Epsilon Iota (medicine), Alpha Kappa Psi (commerce and economics), Alpha Zeta Omega (pharmacy), American Institute of Electrical Engineers (student chapter), American Institute of Radio Engineers (student chapter), American Pharmaceutical Association (student branch), American Society of Civil Engineers (student chapter), American Society of Mechanical Engineers (student chapter), Chi Upsilon (geology), Delta Phi Epsilon (foreign service), Delta Theta Phi (law), Future Teachers of America, Gamma Eta Gamma (law), Kappa Beta Pi (law), Mortar and Pestle (pharmacy), Nu Sigma Nu (medicine), Phi Alpha Delta (law), Phi Chi (medicine),

Phi Delta Delta (law), Phi Delta Epsilon (medicine), Phi Delta Gamma (graduate), Phi Delta Kappa (education), Phi Delta Phi (law), Phi Pi Epsilon (foreign service), Pi Lambda Theta (education), Society for the Advancement of Management (student chapter), Theta Tau (engineering).

#### SOCIAL FRATERNITIES

Sigma Chi, Kappa Sigma, Kappa Alpha, Theta Delta Chi, Phi Sigma Kappa, Sigma Alpha Epsilon, Sigma Phi Epsilon, Phi Alpha, Sigma Nu, Acacia, Tau Kappa Epsilon, Pi Kappa Alpha, Argonauts, Tau Epsilon Phi, Alpha Epsilon Pi, Delta Tau Delta, Phi Epsilon Pi.

#### SOCIAL SORORITIES

Pi Beta Phi, Chi Omega, Sigma Kappa, Alpha Delta Pi, Delta Zeta, Kappa Delta, Phi Sigma Sigma, Zeta Tau Alpha, Kappa Kappa Gamma, Delta Gamma, Kappa Alpha Theta.

#### DEPARTMENTAL CLUBS

Art Club; Case Club; Charles Clinton Swisher History Club; Colonial Forensic Team; Dance Production Groups, I, II, III; El Club Español; Engineering Council; George Washington University Geographical Society; Home Economics Club; Howard E. Kane—A.F.A. King Obstetrical Society; Le Cercle Français; Lester F. Ward Sociological Society; Literary Club; Mathematics Club; Oquassa; Psychology Club; Radio Workshop; Schoenfeld Verein; Speech and Hearing Society; Student Bar Association.

#### RELIGIOUS ORGANIZATIONS

Baptist Student Union, B'nai B'rith Hillel Foundation, Canterbury Club, Christian Science Organization, Lutheran Student Association, Newman Club, Religious Council, Wesley Club, Westminster Foundation.

#### MUSICAL ORGANIZATIONS

Girls' Glee Club, Men's Glee Club, University Band.

#### STUDENT PUBLICATIONS

*The Cherry Tree* (the annual), *The University Hatchet* (weekly newspaper), *The George Washington Law Review*, *Mecheleciw* (engineers' publication), *The Percolator* (pharmaceutical publication), *The Colonial Review* (literary magazine).



**OTHER ACTIVITIES**

Alpha Phi Omega—National Service Fraternity, Alpha Theta Nu (scholarship winners), Big Sisters, Cheerleaders, Chess Club, Colonial Boosters, Current Affairs Club, Hellenic Society, Inter-fraternity Council, Inter-fraternity Pledge Council, International Students' Society, Inter-sorority Athletic Board, Intramural Council, Junior Panhellenic Association, Martha Washington Club, Masonic Club, Pan American Club, Public Relations and Advertising Club, Pistol Association, Religious Philosophy Club, Sailing Association, Senior Panhellenic Association, Strong Hall Council, Student Council, Student Veterans of World War II, The George Washington University Players, Women's Recreation Association, World Government Seminar Group.

There is a complete program of intramural sports for both men and women.



INDEX





## INDEX

### A

- Absence, regulations concerning  
    *See* Attendance
- Academic Council, **xxi-xxii**
- Academic status of the University, 6
- Accounting:  
    Associate in Arts curriculum in, 61-62
- Bachelor of Arts curriculum in, 60, 155-56
- Courses in, 173-75
- Master of Arts curriculum in, 159
- Activities, student, 355-56  
    *See also* special bulletin
- Administration, officers of, **xix-xx**
- Administrative Assistants, **lxiv-lxviii**
- Admission, 11-19
- Advanced standing, 12-13
- Advertising, courses on, 193, 248
- Advisory system, Junior College, 51
- American Thought and Civilization, major in, 73, 74-76, 223
- Anatomy, courses in, 176-77, 288, 293, 347
- Anesthesiology, courses in, 178
- Aptitude tests, 12, 43, 52
- Art, courses in, 179-80
- Arts and Sciences, college of, 63-80
- Attendance, 36, 40  
    *See also* **UNDER** Colleges, Schools, and Divisions
- Auditor, 23, 38
- Awards, 29-34

### B

- Bacteriology, courses in, 181-83
- Biochemistry, courses in, 184-85
- Biology, courses in, 186-87
- Botany, courses in, 188-90
- Buildings of the University, 7-9
- Business Administration:  
    Bachelor of Arts curriculum in, 60, 154-55
- Courses in, 191-95
- Master of Arts curriculum in, 159

### C

- Calendar for 1951-52, **vii-xi**
- Change in program of studies, 38
- Chapel, 354
- Chemistry, courses in, 196-200

### Civil Engineering:

- Courses in, 201-3
- Curriculum in, 116-17
- Classical Languages and Literatures, courses in, 204
- Classification of students, 19, 70, 109
- Clinics, School of Medicine, 95-96
- College Entrance Board examinations, 12
- Colleges, Schools, and Divisions, 5-6, 45-168
- Columbian College (senior college of liberal arts), 63-80
- Entrance requirements, 13-14, 56-57
- Prerequisite to Bachelor of Arts and Bachelor of Science curricula in, 68-69
- Commencement  
    *See* Graduation
- Committees of the Faculty, **xxiii-xxiv**  
    *See also* **UNDER** Colleges, Schools, and Divisions
- Communications option in Electrical Engineering, 117-18
- Contents, table of, **v-vi**
- Convocation  
    *See* Graduation
- Correspondence courses, 71
- Counseling, courses on, 218, 313, 316, 317
- Counseling Center, 354-55
- Course numbers, explanation of, 171-72
- Courses of instruction, 169-349
- Credit:  
    Credit hour, explanation of, 172
- Credit hours, maximum allowed full- and part-time students  
        *See* Colleges, Schools, and Divisions
- Explanation of amount of, 172
- Toward a degree, 38-39
- Transfer of:  
        For correspondence and home study courses, 71
- For professional courses, 72
- For summer school work, 39
- From other institutions, 12-13, 14, 15, 16, 17
- Within the University, 73, 162, 163

### D

- Dance, courses on, 288, 290, 292-93, 294

## Degrees:

- Associate in Arts, 54-62
  - In accounting, 61-62
  - In Secretarial Studies, 61
- Bachelor of Arts, 71-74, 74-76
  - In Education, 133-35
  - In Government, 152-57
- Bachelor of Civil Engineering, 115-17
- Bachelor of Electrical Engineering, 115-16, 117-18
- Bachelor of Laws, 109
- Bachelor of Mechanical Engineering, 115-16, 119
- Bachelor of Science, 71-73, 74-76
  - In Engineering, 115-16, 120-21
  - In Home Economics, 133-34, 134-35
  - In Pharmacy, 125-27
  - In Physical Education for Men, 133-34, 135-36
  - In Physical Education for Women, 133-34, 136-37
- Civil Engineer, 121
- Combined Bachelor of Arts and Doctor of Medicine, 71, 72, 73-74, 99
- Doctor of Education, 146-48
- Doctor of Juridical Science, 111
- Doctor of Medicine, 98-99
- Doctor of Philosophy, 84-88
- Electrical Engineer, 121
- Juris Doctor, 109-10
- Master of Arts, 77-80
  - In Dramatic Art, 333
  - In Education, 144-46
  - In Government, 157-61
- Master of Comparative Law, 110
- Master of Comparative Law (American Practice), 110
- Master of Laws, 110
- Master of Science, 77, 78-80
  - In Pharmacy, 127-29
- Mechanical Engineer, 121
- Dermatology, courses in, 205
- Dismissal of students, 42
- Distinction, degrees with, 40-41, 62, 99, 110
- Divisional Organization, 68
- Doctoral Dissertation, form of, 40
- Dormitories, 353-54
- Dramatic Art, Master of Arts degree in, 333
- Dramatics, courses on, 335-36, 336-37
- Dropping courses, 37-38

## E

- Economics, courses in, 206-12
- Economics, International, Foreign Affairs, Master of Arts curriculum in, 158-59
- Education:
  - Courses in, 213-19
  - School of, 130-48
    - Entrance requirements, 17-18, 58-59
    - Teaching fields, 137-43
- Educational Facilities of the University, 7-9
- Electrical Engineering:
  - Communications option in, 117-18
  - Courses in, 220-22
  - Curriculum in, 116, 117-18
  - Power option in, 118
- Eligibility for student activities, 356
- Emeritus Faculty, xxv-xxvi
- Employment, student, 354
- Endowment of the University, 4
- Engineering:
  - Courses in, 201-3, 220-22, 260-62
  - School of, 112-21
    - Entrance requirements, 16-17
- English:
  - Courses in, 223-29
  - Placement examination, 52, 225
- Entrance requirements, 13-19
- Examinations, 37
  - College Entrance Board, 12
  - For admission, 12, 43
  - For placement in language courses, 52
  - For qualifying for advanced standing or waiving curriculum requirements, 62, 73, 156-57
- SEE ALSO IN University Calendar
- Graduate Record, 12
- Physical 39, 237, 287, 292, 353
- Scholastic Aptitude tests, 43, 52

## F

- Faculty:
  - Alphabetical list, xxvii-lxiii
  - Standing committees, xxiii-xxiv
- Fees, 21-23
- Fellowships, 24-25, 89
- Financial aid, 34-35
- Financial regulations, 21-23
- Foreign Affairs:
  - Bachelor of Arts curriculum in, 154



Master of Arts curriculum in, 158-59  
 Foreign Commerce, major in, 154-55  
 Foreign language:  
   Placement examination, 52  
   Requirements, 55  
 Foreign Service, curricula in  
   *See* Foreign Affairs  
 Foreign Service Review Course, 161  
 Foreign Students, 355  
 Fraternities, 358  
 French:  
   Courses in, 322-24  
   Placement examination, 52

## G

Genetics, course on, 187  
 Geography, courses in, 230-33  
 Geology, courses in, 234  
 Germanic Languages and Literatures,  
   courses in, 235-36  
 Government, School of, 149-61  
   Entrance requirements, 18, 60-61  
 Government and Economic Policy,  
   Master of Arts curriculum in, 157-  
   58, 160  
 Grades, 36-37, 97, 108  
 Grading system, 36-37, 97, 108  
 Graduate Council, 14, 81-89  
   Fields of research, 84-86  
 Graduate Record examination, 12  
 Graduate study, 5, 77-80, 81-89, 99-  
   100, 110-11, 121, 127-29, 144-48,  
   157-61  
   *See also* Degrees  
 Graduation:  
   Application for, 39  
   Dates  
   *See* University Calendar: ix-xi  
   Requirements, 39-40  
 Greek Literature, courses in, 204  
 Gynecology, courses in, 270-72

## H

Health Administration, Department of,  
   237, 353  
 Health Services, student, 237, 353  
 History:  
   Courses in, 238-43  
   Of the University, 3-4  
 Home Economics:  
   Courses in, 244-46  
   Curriculum in, 58-59, 132  
 Home-making, curriculum in, 58-59,  
   135-36  
 Home-study courses, 71

Honor Roll, 54  
 Honor societies, 356-57  
 Honors, 40-41, 62, 99, 110  
 Hospital, University, 7, 93  
 Hospitalization, 237, 353  
 Hours of instruction, 171  
   In the Law School, 106  
 Hygiene, course on, 182

## I

Independent study plan, 70-71, 152  
 "In residence" status, 40  
 Insurance, courses on, 192, 208, 339  
 International Law, courses on, 254,  
   256, 307, 308, 309  
 International Relations:  
   Foreign Affairs, fields in:  
     For the Bachelor's degree, 152-53  
     For the Master's degree, 157-58  
   Master of Arts field in, 77-80  
 Intern training program, 99  
 Internship, 34

## J

Journalism, courses in, 247-48  
 Junior College, 47-62  
   Entrance requirements, 13

## L

Labor, courses on, 192, 194, 208, 211,  
   254  
 Laboratory fees and deposits, 21  
   *See also* courses of instruction  
 Language placement examinations, 52  
 Language requirements, 55  
 Languages and Literatures, Division of,  
   68  
 Latin, courses in, 204  
 Latin America, courses on, 209, 211,  
   212, 232, 240, 242, 307, 308  
 Latin American Civilization and Cul-  
   ture, Columbian College major in,  
   73, 74-75, 206  
 Law:  
   Courses of study for foreign lawyers,  
     105  
   Courses in, 249-56  
   *Review*, 104-5  
   School, 101-11  
     Entrance requirements, 15-16  
 Leave of absence, 40  
 Liberal Arts, college of, 63-80  
 Library, 9, 41-42  
   Hours, 41-42  
   Law, 42, 104

Medical, 42, 94  
 Regulations, 41  
 Linguistics, courses on, 226, 236  
 Living accommodations, 353-54  
 Loan funds, 34-35  
 Location:  
   Of the School of Medicine, 7  
   Of the University, 6

**M**

Major fields in Columbian College,  
 74-76  
 Marketing, courses on, 193, 194, 248  
 Master's degrees  
   SEE Degrees  
 Mathematics, courses in, 257-59  
 Mathematics and Physical Sciences,  
   Division of, 68  
 Mechanical Engineering:  
   Courses in, 260-62  
   Curriculum in, 116, 119  
 Medical Privileges, 257, 353  
 Medical Technologist course, 100  
 Medicine:  
   Postgraduate instruction in, 99-100  
   School of, 90-100  
     Entrance requirements, 14-15  
   Undergraduate courses in, 263-67  
 Military Science and Tactics, 268  
 Musical organizations, 358

**N**

Natural Sciences, Division of, 68  
 Neurology and Neurological Surgery,  
   courses in, 269

**O**

Obstetrics, courses in, 270-72  
 Ophthalmology, courses in, 273  
 Order of the Coif, 106  
 Organizations, student, 356-59  
 Orthoptic Technician training course,  
   100  
 Oto-rhino-laryngology, courses in, 274

**P**

Pathology, courses in, 275  
 Pediatrics, courses in, 276-77  
 Personnel Administration:  
   Courses on, 192, 194, 218, 262, 308,  
   314, 316, 317  
   Master of Arts curriculum in, 157-  
   58, 160  
 Pharmacology, courses in, 278-79  
 Pharmacy:  
   Courses in, 280-84

Curriculum in, 125-27  
 Examinations before state boards of,  
   124  
 School of, 122-29  
   Entrance requirements, 17, 57  
 Phi Beta Kappa, 356  
 Philosophy, courses in, 285-86  
 Physical Education:  
   Courses in:  
     For Men, 287-91  
     For Women, 292-96  
   Curriculum:  
     For Men, 59, 135-36  
     For Women, 59, 136-37  
   Requirements, 39  
 Physical examinations, 39, 97-98, 237,  
   287, 292, 353  
 Physical Medicine, courses in, 297  
 Physics, courses in, 298-302  
 Physiology, courses in, 303-4  
 Placement tests, 52, 225  
 Playwriting, 346  
 Political Science, courses in, 305-9  
 Portuguese, courses in, 324-25  
 Postgraduate Medicine, 99-100  
 Power option in Electrical Engineer-  
   ing, 118  
 Premedical curriculum, 14-15, 56-57  
 Preventive Medicine, courses in, 182,  
   183  
 Prizes, 29-34  
 Probation:  
   SEE UNDER Colleges, Schools, and  
   Divisions  
 Property, responsibility for, 42  
 Psychiatry, courses in, 311  
 Psychology, courses in, 312-18  
 Public Administration:  
   Courses on, 307, 308  
   Master of Arts curriculum in, 157-  
   58, 160  
 Public Relations:  
   Course on, 248  
   Journalism major field in, 247  
 Publications, student, 358

**Q**

Qualifying examinations, 62, 73, 150-  
 57  
 SEE ALSO IN University Calendar  
 Quality-point index, 37

**R**

Radio, course on, 334  
 Radiology, courses in, 319

- Reading Clinic, 166, 214, 215, 219  
 Records, transcripts of, 38  
 Recreation, Physical Education specialty in, 136, 137  
 Refunds, 23  
 Registration, 20  
 Regulations, 36-42  
   SEE ALSO UNDER Colleges, Schools, and Divisions  
 Religion, courses in, 320-21  
 Religious organizations, 354, 358  
 Reserve Officers' Training Corps (Medical), 98  
 Residence halls, 353-54  
 Residence requirements, 40  
   SEE ALSO UNDER Colleges, Schools, and Divisions  
 Resident training program, 99  
 Romance Languages and Literatures: Courses in, 322-27  
   Placement examinations, 52  
 Rules of the University, right to change, 42  
 Russia, courses on, 232, 240, 242, 306, 307, 309  
  
**S**  
 Sanskrit, course on, 236  
 Scholarship, 36-37, 39  
   SEE ALSO UNDER Colleges, Schools, and Divisions  
 Scholarships, 25-29  
 Scholastic Aptitude tests, 43, 52  
 Schools, Colleges, and Divisions, 5-6, 45-168  
 Secretarial Studies: Courses in, 328-29  
   Curriculum in, 61  
 Self help, 354  
 Semester hour  
   SEE Credit Hour  
 Shorthand, courses on, 328-29  
 Sigma Xi, 356  
 Social Sciences, Division of, 68  
 Sociology, courses in, 330-32  
 Sororities, 358  
 South America, courses on  
   SEE Latin America  
 Spanish: Courses in, 325-27  
   Placement examination, 52  
 Special Students, Division of, 19, 163-64  
 Speech: Clinic, 333  
   Courses in, 333-37  
  
 Staff of Instruction, alphabetical list, xxvii-lxiii  
 Statistics: Bachelor of Arts curriculum in, 60-61, 156  
   Business and Economic, 156, 159  
   Courses in, 338-42  
 Student: Activities, 355-56  
   SEE ALSO Special Bulletin  
   Bar Association, 105-6  
   Employment, 106  
   Life, 353-59  
   Organizations, 356-59  
   Publications, 358  
   Summer Sessions, 168  
   Surgery, courses in, 343-45  
   Surveying, courses on, 201, 202, 203  
 Suspension: SEE UNDER Colleges, Schools, and Divisions  
 Syphilology, courses in, 205  
  
**T**  
 Teaching fields, 137-43  
 Theatre, courses on, 335-36, 336-37  
 Thesis, requirements for, 40  
 Transcripts of records, 38  
 Trustees: Board of, xv-xvi  
   Committees of the Board of, xvii-xviii  
 Tuition, 21  
 Typewriting, courses on, 328-29  
  
**U**  
 University Students, Division of, 19, 162  
 Urology, courses in, 346  
  
**V**  
 Veterans, 43-44  
 Vocational Counseling: Courses on, 313, 316, 317  
   Master of Arts curriculum in, 157-58, 160  
   Washington Counseling Center, 354  
  
**W**  
 Warnings, 55  
 Washington Counseling Center, 43, 354  
 Withdrawal, 23, 37-38  
  
**Z**  
 Zoology, courses in, 347-49





THE UNIVERSITY RECORD

SUMMER TERM 1950

FALL AND WINTER TERMS 1950-51





# DEGREES CONFERRED

## JUNIOR COLLEGE

### ASSOCIATE IN ARTS

NOVEMBER 11, 1950

Charles Martin Aaronson (With distinction)	D.C.	Philip Peyser Friedlander, Jr.	Va.
Thomas Joseph Allen, Jr.	England	Arthur Gallant	N.Y.
David Werner Amram III	D.C.	Lionel Kenneth Gamboa	D.C.
John Anastos	N.Y.	John Leo Ganley, Jr.	Va.
John Joseph Arthur	D.C.	Edward John Gowmaat	D.C.
Norman Louis Atkins	Va.	Henry Waldo Goglin	N.J.
James Arthur Ball	Mo.	Marilyn Gorschman	Md.
Mearl Marietta Barkow	Minn.	Kenneth Samuel Gotobed	Nebr.
Darwin Collier Barnhouse	Va.	William Joseph Griffin	D.C.
Lloyd Kenneth Belt	D.C.	William Frederick Griffith	Pa.
William E. Benson	D.C.	(With distinction)	
John Adam Bikowski	Pa.	Roy Lee Grover	Utah
Betty Ann Billingsley	D.C.	Frederick Allen Gunn	Va.
David Blecker	N.Y.	Clifford William Haack	Va.
Jeanne Elizabeth Blondell	Md.	Carolyn Elizabeth Hanby	Md.
Adelaide Blume	D.C.	William Kump Harbold	N.J.
Nancy Margaret Bouscaren	D.C.	Don Stutler Harmer	D.C.
(With distinction)	D.C.	Melvin Ray Harris	D.C.
Randall Brooks	Va.	Thelma Winifred Harrison	La.
Marvin Frederick Brotman	D.C.	Bruce Reiff Hartman	Va.
Thomas Cameron Brown	Md.	Thomas Joseph Henesy	D.C.
John Anthony Bugaila	N.H.	Frank Gadd Hess	Pa.
John Elmer Campbell	Md.	Georgia Leone Hurst	Mo.
Margaret Elizabeth Postle Carapbell	Va.	Edward Walter Jylkka	Mass.
Caridad Mercedes Carballo	Dominican Republic	Lloyd Louis Kath	Minn.
Marjorie Lucia Carey	Mass.	Sidney Kaufman	Conn.
Victor John Cavagrotti	Va.	(With distinction)	
(With distinction)		Patricia M. Keegan	D.C.
James John Cerdá	Md.	Stanley Slack Kidwell, Jr.	Va.
John Lester Chaney, Jr.	D.C.	Michael James Kirk	Va.
Edwin William Cimokowski	Pa.	Ralph Henry Kline	Pa.
Bernard Francis Citrenbaum	D.C.	Denis Frederick Kolb	Md.
Jocelyn Clark	Fla.	Martin A. Korenblatt	N.Y.
Thomas Charles Cock	Calif.	Harold Lacombe	D.C.
Charles Franklin Coffin	Va.	Robinson Lappin	D.C.
Edward Charles Connelly	Mass.	Milton Arvid Larson	Utah
John Raymond Crosby	Ga.	Anne Lebowitz	Md.
John David Crummett	D.C.	Dorothy Lee	D.C.
Joseph Daniel Cullen	D.C.	Hei Kit Lee	China
Milton Monroe Davenport	Va.	Edythe Jewel Lemon	Mich.
Shelton Phelps Dawson	D.C.	Hubert Whitman Lilliefors	Ohio
Olaf Grane De Leon	D.C.	Joseph Loftus	Md.
Donald LeRoy Dilley	D.C.	Edwin Chung Lum	N.Y.
Cloyce Irven Dixon, Jr.	Colo.	(With distinction)	
Mary Dow	Md.	John Thomas Mahardy	Va.
Nadine Grace Drake	Mass.	Edward Maloney	D.C.
Robert Edward Driscoll	D.C.	Francis Richard Malzone	Md.
Henry Andrew Droll	Pa.	Paul James Marion	Md.
Thomas Darrell Drummond	N.Y.	Viola Mastrone	D.C.
Charles Maurice Duke	Va.	Junius Acree McCartney	D.C.
Straty Harry Economon	D.C.	Vincent William McGurl	Pa.
Rita Sandra Fast	Va.	Carl Franklin McIntyre	N.C.
Glen Shirley Faxon, Jr.	D.C.	Edward Phillip McLain	D.C.
John Edward Feissner, Jr.	N.J.	Paul Edmund McNulty	D.C.
William Walter Fink, Jr.	Va.	Norman Sayford Meese	Md.
John Wesley Fowler	D.C.	Frederick Peter Meier	N.Y.
Alvin Bartlett Fried	N.J.	Victor Mario Mercogliano	D.C.
	Md.	Heloise Michelle Metzger	D.C.
	D.C.	(With distinction)	

James Slagle Mills  
J. Truitt Moelching  
Marguerite Mignonette Mondlock  
Earl Jay Mondschein  
Robert Campbell Morgan  
Howard Mott  
Helen Marie Mullin  
Thomas Richard Munson  
Frances-Lorraine Naquin  
Barbara Joy Nimnom  
John Phelps Nobel  
Frances Taylor Norrington  
Edward Ralph Northover  
Robert John O'Brien  
Thomas Ralph Offenbacher, Jr.  
George Leavitt Olmsted  
Robert Daniel O'Neill  
William Russell Opp  
Jack Owens  
Albert Joseph Pelletier, Jr.  
Victor Pittle  
Stephen Polashick  
Jerome Raphael Pomeranz  
Holbrook Louis Potter  
Daniel Francis Reagan  
Mary Kathleen Roark  
John Raymond Roberts  
Raleigh Carson Robinette  
Harold Le Roy Robinson  
Louis Chapman Rousseau  
William Dennison Rowe, Jr.  
Louis Leonard Ruben  
William Norman Rudholm  
Bernard Abraham Satten  
George Everett Saunders  
Anita Belle Sauvour

Va.	John Charles Schumann
D.C.	George Edward Scott
Ill	Goodwin Shapiro
Mich.	Carolyn Mary Smith
Va.	Grady Fay Smith
Mich.	(With distinction)
D.C.	Luther Earl Smith
Va.	Marin Saldana Solis, Jr.
Va.	Maxine Ezer Sowards
D.C.	Hildegard Sterling
Pa.	Patricia Ray Stoneman
Md.	(With distinction)
Md.	William Leonard Sugg
Va.	Theresa Marie Takacs
D.C.	Frank Louis Tevelow
Va.	Garland Parnell Thompson
Utah	Robert Lee Thompson
Va.	Louis James Tishes
W.Va.	Robert Hough Tolson
Va.	George Edward Trainor, Jr.
D.C.	Charles Edmond Tron
Pa.	Harriet Oxford Turner
N.J.	James Harold Uphoff
D.C.	Tavon Vanetal
D.C.	Mattie Alice Waldron
Ky.	Harold Stanley Watkins
Ind.	June Curtis Welch
Md	Elwood Cecil Wells
Colo.	Harry F. Wickline
D.C.	Harry Wesley Wilhelm
D.C.	Willard Williams
D.C.	George West Wilson
Mass.	Thomas Edwin Wilson
N.Y.	James Scott Wingo
Va.	Philip Colby Woodman
Va.	Thomas Lane Zapf

## FEBRUARY 22, 1951

Frank Melvin Arthur  
Edward Welch Baker  
Raymond Lowell Bancroft  
William Harbour Barrett  
Malcolm Ernest Berrett  
Albert Stanley Belski  
Clement Floyd Belski  
Einar Bjorlo  
(With distinction)  
Donald Mayo Bisbee  
Gregory James Blackburn  
Ed Henry Bloom  
James William Boise  
Virginia Allison Boyle  
Frederick Arnold Brahin  
Elizabeth Helen Branch  
Ronald Dean Brandon  
Randolph Britt  
James W. William Bray  
Rutha Mercedes Buzanosa  
Frank Pace Burford  
Kenneth Stanley Burke  
Seymour Byer  
George Calomeris  
Victor William Camp  
Richard Stephen Carroll  
Diane-Louise Chatelan  
Dorothy Wei Chow  
Robert Frank Ciento  
Vincent Alexander Ciavarra  
William Fleming Clouser, Jr.  
James Clyde Coffin  
Betty Lee Cohen

Va.	Paul A. Colborn
D.C.	Marjorie June Cole
D.C.	Thomas Joseph Coleman
Ga.	Joseph Phillip Conte
Md.	Howard Robert Copperman
Pa.	LeRoy William Cornish, Jr.
Pa.	Rebecca Anne Cotten
N.Y.	Robert Wayne Craft
	Richard Nicholas Creswell
Va.	Donald William Datlow
Md.	Andrew Nathan Davis, Jr.
N.Y.	Henry Leon DeLaney
D.C.	(With distinction)
N.Y.	Lolita de los Rios
D.C.	Maria Ann Di Maio
Conn.	Helen Johanna Haida Doernenburg
D.C.	Justin James Donahay
Md.	Morris Bernard Dorris
Va.	Thomas Roy Dowle
Puerto Rico	Donald George Michael Duncan
Calif.	Dena Leigh Dworsky
D.C.	Theodore Edward Edelschein
Conn.	Robert Lawrence Edenbaum
D.C.	Robert Arthur Elliott
R.I.	Eugene Riley Fearan
Mass.	Ralph Miles Feller
Va.	Paul Emmanuel Fischel
China	Loselei Flomenholt
N.J.	Drane Franks
N.J.	Loretta Freedman
Va.	(With distinction)
Minn.	Edwin Francis Gamboa
D.C.	Melquiades Jeroco Gamboa, Jr.

Betty Lee Gertsch	Md.	Ruth Crandon Nash	K.I.
Alan Solomon Gindoff	N.Y.	Florence Irene Nevils	Vt.
Harry Ginsburg	Md.	Louis Knox Newton	N.C.
Joseph Daniel Goodwin	D.C.	Nancy Richards Normant	D.C.
Jack Allen Green	D.C.	Timothy Robert O'Leary	Mass.
Norman N. Green	N.Y.	Ida Muriel Ott	Ark.
Julianne Hall	Md.	George Robert Otte	Md.
William Henderson Hall	Va.	Robert Panettieri	N.Y.
Hilda Gay Haran	Ala.	Robert Leslie Parkinson	Ind.
Elizabeth Josephine Harper	D.C.	Matthew Richard Pasquale	D.C.
(With distinction)		Joseph William Patterson	Va.
Clifford Adelbert Hewitt	Va.	George Konstantinos Peterson	N.C.
Ella Joan Higginson	Va.	Melvin Gerald Pfeiferstein	N.J.
Dorothy Ann Hodge	Nebr.	Geraldine Fogel Pilzer	D.C.
(With distinction)		(With distinction)	
Louanne Hoffheins	Va.	Harry Pitt	N.Y.
Jack Pritchard Holden	Va.	Denver Collyn Pitts	Ohio
Richard Charles Holroyd	Conn.	Anita Rose Porro	N.Y.
Milton Arthur Horowitz	D.C.	Youssef Bahgat Rakha	Egypt
Marion Nazro Huff	D.C.	Anthony John Re	N.J.
Brandau Chappelle Hughes	D.C.	Gertrude Bruce Rice	Va.
Julia Ann Hury	Conn.	Richard Charles Riecken	Ohio
Joseph Francis Inzinas	N.J.	Vivian Carmel Rosenason	D.C.
Douglas Richard Johnson	Va.	Margaret Esther Royce	D.C.
Willa Elaine Johnson	D.C.	Barbara Diane Runnison	Md.
Robert Kay Jones	Va.	Douglas Joseph Rykhus	S.D.
Armin Theodore Keil	Conn.	Donald Earl Sanders	Va.
Charles William Kelley	D.C.	Johannes Lorenzo Scheltema	Md.
Joseph Gerard Kennelly	D.C.	Norman Galt Schikevitz	D.C.
Jean Camille Kiernan	D.C.	Robert Joseph Schoen	Va.
Pamela Baughman Kingsbury	D.C.	Alan Edward Schwichtenberg	Pa.
Henry Haakon Kipper	N.Y.	Harry Edwin Search	N.Y.
Alvin Kornhauser	D.C.	Phyllis Rhonda Shapiro	N.Y.
Matthew William Kulish	Pa.	William Millar Shaw	D.C.
William Louis Kurtz	Va.	David Hawley Shiver	N.J.
Earl Hisashi Kusumoto	Hawaii	Mazvin Marver Skeloot	Md.
Thomas Cullen Lefingwell	Pa.	Sharon Madeline Spector	D.C.
Mary Lemiox	D.C.	Donald Axe Spiker	Va.
(With distinction)		Craig Kiefer Sullivan	D.C.
Isaac Levin	N.Y.	Virginia Anne Swanson	Va.
Harry Joseph Loughridge	Va.	Georg Tennyson	D.C.
Jane Elizabeth Lyons	Va.	Joseph Edward Timmins, Jr.	Va.
Warren Preston Malkin	D.C.	John Thomas Tibman	Mass.
Oreste Francis Maltraglia	D.C.	Marguerite Elizabeth Tolley	D.C.
Marion Veronica Marchese	N.Y.	Bessie Bell Trapp	Va.
Julienne Markwood	D.C.	Edward Minter Tupman	D.C.
John Joseph McDonough	N.Y.	Charles Raymond Tyler	Md.
David White M. Mhatten	Va.	Semin Audenar Usten	D.C.
Charles Robert Meussner	D.C.	Peter Van Allen	D.C.
Calbot Willister Meyer	D.C.	June Luaine Walton	Md.
Marvin Ann Mickelsen	Va.	Gilbert Louis Weeder	Md.
Gerald Joseph Miller	Ill.	Robert Joseph Weiland	N.C.
Lynn Harry Miller	D.C.	Jeanette Kelly Williams	Md.
Rachel Croft Miller	Ill.	Betty Louise Wilson	Mass.
Mary Lou Morrow	Pa.	Robert Wolozin	Mo.
Mary Louise Mott	Pa.	Donald George Wrenn	Va.
Ninos Cleovoulou Myrianthopoulos	Va.	David Eugene Yager	Wis.
	Cyprus	Rolland Charles Ziehl	

## MAY 30, 1951

Safeya Abushady	N.Y.	Harry Bayon	Va.
Robert Thomas Allwine	D.C.	George Roy Beach	W.Va.
Dean Johnson Almy, Jr.	Md.	Hazel Rachell Beall	W.Va.
Martin Anderson	D.C.	Derwood Marice Beasley	Tex.
Viola Antonette Andolfatto	D.C.	Mary Louise Belmont	N.Y.
Sidney Edgar W. Arias	N.Y.	Nina Libertas Benesh	D.C.
Ellis Smiler Aronson	D.C.	Marian Kay Bender	Md.
Carroll Wayne Austin	N.C.	Sheridan Esteban Benosa	Md.
Waldon Lee Baker	Pa.	Dorothy Mae Blazek	Pa.
Samuel Wheeler Barrow, Jr.	Md.	Bernard Marvin Blum	Md.
Frederick Albert Bauer	D.C.	Gorman Morton Bond	Md.



Lempira Eusebio Bonilla  
 Francis Aristide Borelli  
 Don Phillip Bostwick  
 John Gordon Boswell  
 Helen Boyd  
 Amelia Breiung  
 Barbara Jane Brown  
 Minnie Ray Brown  
 Patricia Louise Brown  
 Sally Ann Bruton  
 Ralph H. Bryan  
 Joyce Louise Bryner  
 George Walton Buckmaster, Jr.  
 Robert Emery Burns  
 Dale Eugene Burrington  
 Robert Dow Buzzell  
 William Morris Cain  
 Nicholas Michael Camboos  
 Betty Jean Cameron  
 Everett Daniel Canafax  
 Patricia Anne Carlisle  
 Elizabeth Carsey Carter  
 Perry Carvellas  
 Ann Willis Cates  
 Carl Nelson Cederstrand  
 Frances Chaconas  
 John Claxton Cherry, Jr.  
 Wong Chuck  
 Catherine Lyta Coates  
 David Israel Cohen  
 Milton Burns Cole  
 (With distinction)  
 Michael Joseph Collins  
 Walter Nevins Costrell  
 Charles Couperthwaite  
 William I. N. Cox, Jr.  
 Cyrus Robbins Creveling, Jr.  
 James John Crider  
 Burke McClure Critchfield  
 Janet Alice Croft  
 Ann Marie Crofton  
 Howard MacDonald Day  
 Gerald Yale Dechter  
 Mark George Detweiler  
 Edward Peter Devine  
 Carlisle Lyon Dieter  
 Albert Irvin Dugan  
 William Norman Early  
 Joyce Marie Ebel  
 Eugene Ebert  
 Harold Leonard Emerson  
 Edward Engel  
 Miriam Engel  
 Melvin Douglas Epstein  
 Solomon Eskenazi  
 James Bowman Fahrney  
 Jean Stoner Fahrney  
 Margaret Anne Faulds  
 Samuel Peter Favarella  
 (With distinction)  
 Joan Ruth Feder  
 Arthur David Federman  
 George Henry Fela  
 Phyllis Rose Fenster  
 Carl Vincent Flowers  
 Eric Bert Forster  
 Griffin Guy Frazier  
 Jacob William Freeland, Jr.  
 Robert William Funke  
 George William Garner  
 Archibald Gartrell, Jr.  
 Jesse Browning Geiser

D.C. Stanley Ormand Gilbert  
 D.C. Lillian Rebecca Gilroy  
 Iowa Lee Glassberg  
 D.C. Bernice Elizabeth Goldberg  
 D.C. Jacqueline Rose Goldenberg  
 D.C. Jack Mark Goldstein  
 N.D. Thomas Burton Grady  
 Va. Philip Arthur Gragan  
 D.C. Gayle Marianne Greenwood  
 La. Ethel Marguerite Grisham  
 Va. Dana Marie Haas  
 D.C. (With distinction)  
 Ohio Maurice Etheredge Hair  
 Pa. Violet Lowry Haley  
 D.C. James Aldrich Hall, Jr.  
 Md. Robert Head  
 Va. (With distinction)  
 Ind. Thomas Robert Henry, Jr.  
 D.C. Agnes George Heon  
 D.C. Harriet Martha Herr  
 Ky. Jerome Samuel Hertz  
 Va. (With distinction)  
 D.C. Herman Heilberg Hobbs  
 D.C. William Alexander Hoffman III  
 D.C. Donald Russell Holben  
 D.C. Karlene Mae Holden  
 Va. James Howard Holt  
 Hawaii Marilyn Holtzman  
 D.C. Herbert Ogden Horn  
 Pa. Carol Jean Horsley  
 Md. Edmond Howat  
 N.Y. Katherine Frances Hunsaker  
 D.C. Lucian Oresteus Hunter, Jr.  
 D.C. Nina Hutchinson  
 D.C. John Franklin Jameson II  
 D.C. Joseph Adam Jaskiewicz  
 D.C. Winifred Morgan Jelling  
 D.C. Jack Kalmer  
 Va. Henry Theodore Kamen  
 Va. Fotis Nickolas Karousatos  
 Mass. Julius Katz  
 Tenn. Gloria Jean Kaye  
 D.C. Charles Pace Keeter  
 Pa. Sebert Hector Keiffer  
 Md. Gordon Thomas Kelleghan  
 Va. Richard William Kimmerling  
 D.C. Elvina Frances King  
 D.C. Joseph Aloysius King  
 D.C. Mildred Martha King  
 D.C. Michael Thomas Kitsoulis  
 Va. Dorothy Jane Koch  
 D.C. George Hill Koons  
 D.C. Irvin Jerome Koppelman  
 Md. Joseph Thomas Kulish  
 N.Y. Clinton Lasher  
 Va. Esther B. Lerner  
 D.C. Daniel Leviton  
 D.C. Edward Yin Liang  
 Pa. (With distinction)  
 D.C. Celia Edith Lightner  
 Md. James Lopes  
 Pa. Manlio Maldonado López  
 D.C. Ellen Mae MacEwen  
 D.C. Sue Darby Maguire  
 Mich. Raymond James Malloy  
 Va. Mildred Maxine Marshall  
 D.C. John Peter Martin  
 D.C. Patsey Mae Martin  
 Idaho David Maryn  
 D.C. Chester Anthony Matthes  
 Md. Robert Richard May  
 Md. (With distinction)

Md.  
 Ala.  
 D.C.  
 Md.  
 D.C.  
 D.C.  
 Md.  
 D.C.  
 D.C.  
 Colo.  
 D.C.  
 S.C.  
 Va.  
 Va.  
 D.C.  
 D.C.  
 Pa.  
 Math.  
 Va.  
 Va.  
 Va.  
 Va.  
 Va.  
 D.C.  
 Ky.  
 Oreg.  
 D.C.  
 D.C.  
 Ky.  
 D.C.  
 D.C.  
 N.Y.  
 D.C.  
 Pa.  
 N.Y.  
 D.C.  
 Md.  
 D.C.  
 Va.  
 N.Y.  
 D.C.  
 N.Y.  
 Md.  
 Va.  
 Pa.  
 N.Y.  
 D.C.  
 D.C.  
 Chas.  
 D.C.  
 D.C.  
 D.C.  
 Md.  
 D.C.  
 D.C.  
 D.C.  
 D.C.  
 D.C.  
 Md.  
 D.C.

Nancy Ann McCoach	D.C.	Nina Segal	D.C.
Kenneth James McGuire	N.Y.	Arthur Irving Segaul	N.Y.
Trent Otho McPherson, Jr.	Md.	Joel Selbin	D.C.
Carol Richardson Mercer	D.C.	(With distinction)	
Harold Francis Mericle	Ill.	Lucy Mariah Sellers	D.C.
James Forbes Merow	Va.	Arthur Arden Shachner	N.Y.
(With distinction)		William Newton Shaddix, Jr.	N.Y.
Bertha Marie Meyer	Md.	Sandra Ruth Shapiro	D.C.
Carolyn Ann Miller	Va.	Dolores Shaw	D.C.
Barbara Elizabeth Mills	Va.	Hazel Gertrude Shepardson	D.C.
George F. Mills	N.Y.	Patricia Anne Siebert	Argentina
Marian Moeller	N.C.	Bonnie Dora Smith	Tex.
Donald Ray Morgan	Pa.	French Crawford Smith	Md.
Clarence Abner Morgret	Md.	Natalie Harriet Smith	N.Y.
Walter Stanley Moros	Md.	Arnold Solis	Ill.
Margaret Moore Moskowitz	D.C.	Marian Ruth Sorenson	Iowa
George Albert Myers, Jr.	Md.	Frank McNulty Steadman, Jr.	Va.
Carol Barbara Noonan	Va.	Helen Louise Stein	D.C.
David Norman Nurco	N.Y.	Oscar William Stempson, Jr.	Maine
Diana Margarita Oreamuno	D.C.	Estelle Stern	Fia.
Charlotte Ostergren	D.C.	Marshall Eugene Stovall	Tex.
Lucille Jane Ovenden	Md.	Howard Alden Strain	D.C.
Rosa Calvin Parker, Jr.	Va.	Iris May Strauss	D.C.
John Byron Pennington	D.C.	Judith Covington Thompson	N.C.
Richard Livingston Pentecost	Va.	Robert Lee Thomson	Va.
(With distinction)		James Howard Tobias	Pa.
Carolyn Isabelle Powers	W.Va.	Leonard George Tomkins	Va.
George Bradley Price, Jr.	Va.	Betty Kimbrough Tucker	Va.
Walter Withrow Price	Tex.	Mary Carolyn Turner	Ill.
William Nelson Puett	Va.	George Vartkes Vahouny	Va.
Robert Allen Quackenbush	D.C.	Kathleen Ann Walworth	Va.
Walter Frederick Quast	Md.	Robert Venson Wasson	Md.
LeRoy Milburn Richey, Jr.	D.C.	Gerald Leroy Watson	D.C.
Roy George Richmond	Va.	Robert Oscar Wells, Jr.	Mich.
John Louis Risdon	Va.	Lois Mae Wentz	Va.
Dean Vincent Rittmann	Tex.	Carl Weber Wernitz	D.C.
Fernando José Rivera	Puerto Rico	(With distinction)	
James Richard Robb	Calif.	John Bernard Whalen	Va.
Guy Harold Robinson, Jr.	Md.	John Russell Wiggins	D.C.
Robert Franklin Rolnick	D.C.	Myrta Ellen Wiley	Pa.
Morris Rosenberg	D.C.	Mary Margaret Wilkinson	Va.
Leon Mendel Rosenson	D.C.	James Breault Willing	D.C.
Annette Ruben	D.C.	Raymond Royd Wilson	Nebr.
Carl Joseph Ruths	Pa.	Mary Ann Stevenson Wiswell	Va.
John Powell Ryan	Md.	George Raymond Womeldorf, Jr.	Va.
Ramona Samples	Va.	Diana Dorothy Woodall	Va.
Frederick Clarence Samuelson	Ill.	Byron Crosby Woodside	Va.
Mildred Lee Saunders	Va.	Irvin David Yalom	D.C.
Francis David Sawyer	N.C.	(With distinction)	
Amy Helene Schaum	Cuba	Ruth Yalom	D.C.
Leon Joseph Schkolnick	D.C.	Herbert Almon Yarbrough	Maine
(With distinction)		John Joseph Yednock	Pa.
Daniel Schlesinger	N.Y.	Cellie Marie Yoakum	W.Va.
Norman Schwartz	N.J.	Mae Lucretia Zabalsky	D.C.
Philip Schwartz	N.Y.	Aram Zakarian	D.C.
Joseph Raymond Scott, Jr.	Ohio	Billy Reid Zeh	Va.

## COLUMBIAN COLLEGE

## BACHELOR OF ARTS

NOVEMBER 11, 1950

Eugene Campbell Babb	Va.	Stanley Bertram Bensen	N.Y.
Charles Robert Bailey	D.C.	(With distinction)	
Charles Adams Baldwin	Md.	Louella Miller Berg	Calif.
Pernelia Burgess Bayol	Va.	John Richard Betzler	Va.
Virginia Brian Beecher	Va.	Hansel Herbert Blewins	Tenn.
Ernest Raymond Bengtson	R.I.	René André Boulay	Mass.

Richard Simpson Bowers  
 Rebecca Bennett Broussard  
 John Seveir Bunch  
 Thomas Joseph Burke  
 Robert Eugene Burris  
 Joseph Easterling Callaway III  
 Martha Yarrington Carson  
 (With distinction)  
 Archibald Lee Chandler  
 Donald Lewis Clark  
 Emmitt Gaddis Conway, Jr.  
 Gilbert Rosdda Courtney  
 Donald Gilmer Cox  
 Richard Ernest Dahlberg  
 Robert Herman Daniel  
 Robert Walker Davis  
 (Special honors in History)  
 Adolfo Solórzano Diaz  
 Diane Landre Dietrich  
 Ann Catherine Doyle  
 Albert Frederick Dudley  
 Sylvia Duerksen  
 Marion William Edwards  
 Sue Wahle Farquharson  
 Seymour Leonard Fishbein  
 George Vincent Foley  
 Abul Fazl Fotouhi  
 Phyllis Langhitt Freseman  
 Melvin Garfinkle  
 Clifford Elliott Garver  
 Noeth Bolling Gillette  
 Norman Leese Good  
 Sanford Gerald Goodman  
 Mary Augusta Gore  
 Edward Allen Greene  
 David Michael Harrington  
 Emma Hope Hendrickson  
 Paul Max Hendrix  
 David Melvin Hildreth  
 David Spencer Hoopes  
 Sidney Harris Howard  
 William John Howard, Jr.  
 Priscilla Frances Hufford  
 Wing Yam Hui  
 Norbert George Immen  
 Kathleen T. Iseri  
 Marjorie Ann Jackson  
 James Murray Jennings  
 Ghulam Ali Karimi  
 Henry Weimer Kemp  
 Roger Theodore Kerr  
 Rosemary K. Khan  
 Homer Hugh Kirby  
 Joseph Martin Knapp  
 Douglas Edward Lindsay

D.C. Rosamond O'Neil Lindsey  
 La. Arthur Franklin Little  
 Va. Mary Elizabeth Lyddane  
 Va. B.S. 1933, Columbia University  
 Ill. Robert Eugene Lyle  
 Ark. James Joseph Mackrell  
 N.M. Elbert Hubbard Malaier  
 S.C. Arthur Kenneth Mankin  
 Va. Robert Laverne Martin  
 Va. Francis Wilbur Masterson  
 D.C. Lois June McDuffee  
 D.C. John Cornelius McEntee  
 D.C. Richard Carl Meadows  
 Pa. Arnold Curtis Melheim  
 Va. Luadell Moore  
 D.C. Henry Emil Naehle  
 D.C. George Aloysius O'Keefe  
 Va. Harry Alfred Ong, Jr.  
 Colo. Rachel Tims Parker  
 D.C. Millard Peck, Jr.  
 D.C. Irving Warren Peoples  
 D.C. Sarah Ruth Peskind  
 Kans. Olivia Baulez Pierce  
 Fla. Ralph Lebron Pimentel  
 N.Y. James Edward Popham  
 D.C. Curtiss Robert Pratt  
 D.C. Judy Alice Queen  
 D.C. Edwin Fowler Rein  
 D.C. Joseph Sigmund Robbin  
 S.D. Louis Chapman Rousseau  
 Mont. Shirley Case Rowe  
 D.C. Roger Alan Scherff  
 N.Y. Ralph Matthew Seay  
 D.C. Ellen Shapley  
 (With distinction)  
 Md. Ruth Miller Shereselsky  
 N.J. A.B. 1940, University of Chicago  
 D.C. Frederick Sherwood  
 Ill. Jo Anne Spaulding  
 D.C. Edward Bruce Spoonamore, Jr.  
 D.C. William Paul Stallamith, Jr.  
 N.Y. Phyllis Jeanne Strawbridge  
 Va. Joan Louise Suppes  
 D.C. John Manko Sweet  
 D.C. Churchill Chia-Chu Sze  
 Calif. Virginia Joyce Teeter  
 Md. George John Theophilos  
 D.C. Mary Allan Trimble  
 Afghanistan Thomas Kenneth Trotter  
 Fa. Mary Madelaine Trumper  
 Ohio Eric Wahlman  
 Calif. (With distinction)  
 D.C. Phyllis Bate Weisinger  
 N.Y. Leonard Carroll Wixson

Va.  
Md.  
D.C.  
Minn.  
N.Y.  
Ga.  
Md.  
Ala.  
Mont.  
Va.  
Md.  
D.C.  
Calif.  
Ga.  
Md.  
Mass.  
Md.  
Ark.  
Iowa  
D.C.  
Ill.  
Va.  
D.C.  
Va.  
Ill.  
D.C.  
Iowa  
D.C.  
Ala.  
D.C.  
Md.  
Va.  
D.C.  
D.C.  
Va.  
D.C.  
D.C.  
Va.  
D.C.  
Va.  
Ill.  
Md.  
Ky.  
Miss.

## FEBRUARY 22, 1951

Maria Luisa Abellón  
 Helen Elizabeth Albaugh  
 Louis Alexiou  
 Marilyn Alice Ball  
 Milton Berman  
 Ralph Gordon Bradford  
 Donald John Canfield  
 Charles Franklin Coffin  
 Robert Charlton Conant  
 Emmanuel Voltaire Conason  
 Mary Nute Craighill  
 James McIver Dalrymple  
 Roy Aaron Davidson  
 Donald Crammer Dempsey

Cuba Thomas James Dougherty  
 Pa. George Ellowitz  
 N.Y. Philip John Farley  
 Va. Morton Flexer  
 D.C. Burt Allen Gainey  
 Va. Walter Andrew Gentner  
 N.Y. Solomon Alcono Goldenberg  
 Va. Kenneth Samuel Gotobed  
 Va. Marcia Anne Grady  
 Va. Kenneth Fabian Hammond  
 Va. Charles Clifford Hartman, Jr.  
 D.C. Herman Edmond Hawkins  
 N.J. Alexander Irving Heckman  
 Imogene Duffy Herman

N.D.  
Md.  
N.Y.  
N.Y.  
D.C.  
D.C.  
D.C.  
Neb.  
Md.  
Ill.  
Calif.  
Ga.  
D.C.  
Ohio



Pei-Shih Ho	China	Eliasheva Perlman	Israel
William George Hoyt	N.Y.	Russell Meade Roberts	D.C.
George Edward Hutchinson	D.C.	Stephen Clyde Rosenblum	N.Y.
Nancy Ione Irons	Md.	Robert Franklin Sagie	Md.
Margaret Hildreth Johnston	Md.	Arlene Schatz	Va.
James Lewis Jorgenson	D.C.	Gilbert Bernard Schiffman	Md.
Nancy Lee Kent	N.J.	(With distinction)	
Giovanna Maria Latino	Mass.	Simon Schwartz	Md.
Marvin Lambross	N.Y.	Earle Vincent Sears	D.C.
Virginia Cecil Leighton	Md.	Ernest Maurice Shalowitz	D.C.
Edythe Jewell Lemon	Md.	Harold Smith	N.Y.
Edward Lewis, Jr.	D.C.	William Milton Smith	Mass.
Margaret Snow Linebarger	Md.	William Sokolowsky	N.Y.
Herman Lowenthal	D.C.	Bert Elmer Swanson	Wash.
Edwin Chung Lum	N.Y.	Marcel Joyce Tannenbaum	Ill.
(With distinction—Special honors in Art)		Mildred Helen Tor	D.C.
Lloyd John Makin	Australia	Yassan Umar	Iraq
Rothwell Brisbane Mason	Md.	A.B. in Ed. 1944. The George Washington University	
Walter Bernard Mattimore	D.C.	Carlene Patricia Wagner	N.Y.
L.L.B. 1947. The George Washington University		James David Wallace, Jr.	Ala.
Margaret Smith McComb	N.J.	Bruce Parrish Watson	D.C.
John Barker McKeehan	Conn.	L.L.B. 1947. The George Washington University	
Hobart Warren Merritt	Va.	David Seymour Wertheim	N.Y.
Frank Ray Mickelsen	Va.	William Melvyn White	Ohio
Ruth Elizabeth Mills	Va.	B.S. 1941. The George Washington University	
Gordon Vance Monk	N.Y.	Oscar Vernon Will	Md.
Alvin Moore	Ga.	Eugene Witkin	D.C.
Kenneth Freeman Moorman	Mass.	George Samuel Workinger	Md.
Ruth Jean Moyerman	N.J.	Robert Stanley Young	D.C.
Thad Prentice Myers	Pa.	Margorie Alice Zapf	D.C.
Richard Keith Neumann	Md.	John Thomas Zubeck	Pa.
Herman William Nensch	Tex.	Morton David Zucker	N.Y.
Richard Arthur Norman	D.C.		

MAY 30, 1951

Mary Hyatt Abbé	Md.	David Dionio	N.Y.
Dorothy Ann Allinger	Md.	Clyce Irvon Dixon, Jr.	Md.
Jerry Irwin Angel	N.Y.	Chauncey Yandell Dodds, Jr.	D.C.
Norman Louis Atkins	Md.	Alma Gayle Downey	Nebr.
Solomon Efrem Barr	D.C.	Dorothy Anne Dressler	Pa.
William Edward Bellamy	Ohio	Ruth Elaine Dunlap	D.C.
Clement Floyd Bilski	Pa.	Charles Lockwood Duthie	Va.
Melissa Dement Bolton	Md.	Elizabeth Rebecca Earle	D.C.
Brunilda Cumpiano Borchering	D.C.	Jean Nelson Edgar	Va.
Carl Louis Bortmann	D.C.	Phyllis Claire Engelman	D.C.
Jacqueline Lee Bouvier	Va.	Richard Timothy Evans	Md.
Kathryn Hawkins Bovée	Va.	Jane McNeal Fadeley	D.C.
Arthur Lionel Brody	N.Y.	Diane Carolyn Farrell	Va.
Ernest Matland Brownson	N.J.	Andrew Maurice Fekete	Va.
Morton L. Buckberg	D.C.	Ardis Woodliff Finamore	N.D.
Colin William Burk, Jr.	D.C.	Paul Francis Finamore	W.Va.
Colin Anne Campbell	D.C.	Russell Edward Foster	Md.
Sybil Phyllis Carot	N.Y.	Ravleona Fraktion	D.C.
Patricia Murphy Carter	Va.	Philip Pessner Friedlander, Jr.	Va.
James Barrett Cash, Jr.	Ark.	George Edward Fry	N.J.
Douglas Henry Chevalier	N.Y.	Barbara Browne Gallagher	D.C.
Matvin Bernstein Cohen	D.C.	Meredith Hale Gallup	D.C.
Piotrkop Colevas	D.C.	Aaron Lewis Gassen	Conn.
Anna Elizabeth Corkum	Mass.	Frances Lewis Gersanto	Conn.
John Ringer Crawford	D.C.	David Reiner Ginsberg	Md.
William Constantine Grassas	D.C.	Martin Lionel Givatt	D.C.
Eusebe Andre Daliaire	D.C.	Mary Caroline Glyod	D.C.
Eileen Elizabeth Dalton	D.C.	Mary Fair Grant	Md.
(With distinction)		Virginia Louise Gratehouse	Md.
Jeanne Marie Davis	Md.	John Rufus Graves	Mo.
Willis Calvin Dean	D.C.	Vernon Elmer Greaver	Va.
Mary Katherine de Metz	D.C.	Gloria Elaine Green	D.C.
Paul Andrew Devlin	Pa.	(Special honors in Speech)	

Harry Brown Green  
 Elisabeth Kline Grinnell  
 Theodore Roger Groettum  
 Gerald Richard Groves  
 Joan Irene Haag  
 (Special honors in Speech)

Peter John Haley  
 Betty Ruth Hanes  
 Martha Eleanor Hawkins  
 June Hawthorne  
 Thomas Joseph Henasy  
 Richard Hildreth  
 Arlow Fielding Hill  
 Roy Carlton Hoffman  
 Betty Jane Howard  
 Frances Dodd Howell  
 Shirley Claire Howerth  
 John Frederick Hudson  
 Richard Emmett Hurdal  
 Robert Scott Inglis  
 Joseph Anthony Ionno  
 Jennie Marguerite Jefferson  
 Edwin Weedon Jewell  
 Harrel Kent Jobe  
 Elise Hill Johnson  
 Victor Eric Johnson  
 Lillian Caldwell Johnstone  
 Hilda Mary Jones  
 Eleni Pericles Karanikas  
 Jeanette Karp  
 Norman Kaye  
 Nathaniel Colver Kenyon  
 Paul Arthur Kline  
 Ljiljana Kolovic-Solter  
 Matthew William Kulish  
 Hugh Campbell Kyle, Jr.  
 Maurice Winters Lacey  
 Margaret Lucille Lambert  
 Susan Byrdella Law  
 Murray Kent Lee  
 William M. Lee  
 Patricia Mellon Lephew  
 Jack Collins Lewis  
 Ellen Lydia Liska  
 Albert Lawrence Lloyd, Jr.  
 (With distinction)

Myron L. Loe  
 Margaret Ann Masters  
 Ruth Harrison Mathes  
 Anne Mathilde Mattingly  
 (Special honors in Journalism)

Ann Maury Maupin  
 John Robert Mezero  
 Frederick Peter Meier  
 Edward Joseph Merchant  
 Joseph Louis Metivier, Jr.  
 Dalao Hueli Monaro  
 Myrtle Lunsdon Montgomery  
 Betty Noble Morrison  
 Donald Bolden Muir  
 Gregory Ryan New  
 Ruth Elizabeth Nicalo  
 Jack Niles  
 Nancy Richards Norment  
 Anne Sheppard Noyes  
 (With distinction)  
 Joseph Michael O'Donnell  
 Normand Henry Olmstead  
 Simplicio Cuyano Parojanog, Jr.  
 Robert Mason Peattross

D.C. Beverly Perry  
 Va. Ellen Marie Pinching  
 Md. Anne Elisabeth Plaskett  
 Va. Betty Lou Robinson Plier  
 Md. Helen Ruth Polk  
 Va. Paula Claire Powdermaker  
 Ohio Janet Tumarkin Poznak  
 N.Y. Joel Jay Press  
 Fla. Rita Marie Preston  
 D.C. Mary Leah Pryor  
 D.C. Paul Joseph Pucillo  
 Colo. Robert Charles Rainsbury  
 Tex. John Lewis Randolph  
 Md. William Clark Reed  
 D.C. Miguel Juan Rios-Lugo  
 D.C. Louis Peters Robbins  
 D.C. Donna Louise Roberts  
 Md. Byron David Roseman  
 D.C. David Selig Rosen  
 Conn. Lawrence Carmen Roush  
 Va. Katharine Louise Rowse  
 D.C. Louis Leonard Ruben  
 Tex. Sally Maxine Rubin  
 Va. Lucy Johnston Rumley  
 (Special honors in Speech)

Conn. Raye Rosenheck Schweiger  
 N.C. George Edward Scott  
 D.C. Della Lee Searle  
 D.C. Daniel Lamont Seckinger II  
 Md. Zuvart Shamigian  
 Pa. Emily Shacklett Shanklin  
 S.C. George William Shelly  
 D.C. Frances Wilhelm Shibley  
 D.C. Paul Ginsburg Sifton  
 Pa. David Bushnell Smith  
 D.C. Frances Dean Smith  
 D.C. Kendall Owen Smith  
 Va. Lawrence Crane Smith  
 D.C. Natalie Harriet Smith  
 Va. Maxine Exer Sowards  
 D.C. Donn Braden Spenser  
 D.C. Laura Stein  
 Md. Louis Stockstill  
 (Special honors in Journalism)

Eugene Aubrey Stratton  
 Irma Selma Surowitz  
 Edward Chiles Sweebe  
 Robert W. Sylvester  
 (With distinction)

Harry Hall Taylor  
 Ralph Edward Taylor  
 John Clark Uehlinger  
 Malcolm Stickle Van de Water  
 Edith Rita Venezky  
 (With distinction)

Helen Ann Vigness  
 Guy Post Waddell  
 (Special honors in Speech)

Nancy Jane Waite  
 Howard L. Walter  
 Jeanene Watkins  
 Charles Brent Weasmer  
 Dorothy Ann Weld  
 (Special honors in Art)

Janet Wildman  
 (With distinction)  
 Janice Ruth Williams  
 Robert Crumpton Willson  
 Yvonne Innes Worden  
 Mary Jane Edna Zugel

D.C.  
 D.C.  
 Md.  
 Ohio  
 N.J.  
 N.Y.  
 N.Y.  
 Md.  
 D.C.  
 N.Y.  
 D.C.  
 D.C.  
 Puerto Rico  
 D.C.  
 Va.  
 Mass.  
 N.Y.  
 N.Y.  
 Fla.  
 D.C.  
 N.J.  
 D.C.

Va.  
 D.C.  
 D.C.  
 D.C.  
 D.C.  
 Md.  
 N.J.  
 Va.  
 D.C.  
 D.C.  
 Md.  
 Va.  
 N.Y.  
 N.Y.  
 D.C.  
 Md.  
 Pa.  
 Okla.

Mass.  
 Md.  
 Va.

Conn.  
 Md.  
 Mass.  
 Fla.  
 D.C.

D.C.  
 W.Va.

D.C.  
 Ill.

Univ.  
 Pa.  
 Va.

D.C.

D.C.  
 D.C.  
 D.C.

## BACHELOR OF SCIENCE

NOVEMBER 11, 1950

Alice Grieses Allen	Pa.	Elda Lorraine Hollis	Pa.
Charles Mayo Biller	Va.	Lucile Eleanor Hoyms	Iowa
Henry Stephen Brenman	N.J.	Ennis Cecil Layne, Jr.	Va.
Elizabeth Middleton Daggit	Va.	Carl Donald Lindberg	Md.
Solomon Albert Danzig	D.C.	Robert Edger McCoskey	D.C.
Maryse Helen Delevaux	D.C.	William George Rose, Jr.	Md.
Robert Jack Downs	Okla.	Keith Mynes Sappenfield	Ind.
Christopher Fitz Simon Eve	S.C.	William Samuel Spector	Wis.
George Marion Fanelli, Jr.	N.Y.	Myron Clair Yocum, Jr.	Pa.

FEBRUARY 22, 1951

Ralph Campbell Ballard	D.C.	Charles Henry Schreyer	D.C.
William Bondareff	Md.	Herbert Lee Shinberg	Md.
Joel Arthur Burger	N.Y.	A.B. 1939, College of William and Mary	
Clarence Julian Owens	Md.	Gale Smedley Stringham	Md.
Laura Marley Phillips	D.C.	George Nixon Summers	Va.
Jack Leopold Rossen	D.C.		
Rudolph Siegfried Scheltema	Md.		

MAY 30, 1951

Phillip Gary Abend	D.C.	Kyoko Ishiyama	Va.
Edwin Fred Abrams	D.C.	Aaron Kimche	D.C.
Olav Henry Alvis	Pa.	Marvin Lewis Kramer	Va.
Martin Anderson	D.C.	John Wesley Kulp	D.C.
Hugh Michael Beck	Md.	Peter Baldwin Lambert	Va.
Seymour Byer	Conn.	Benjamin Franklin Larrick	Va.
Charlotte Catherine Campbell	Va.	Edward Malcolm Mason	D.C.
Kathryn Christoph	D.C.	Thomas Richard Munson	Va.
Robert Harold Craft	Md.	Paul Negulescu	Rumania
Edith Maurice Davies	D.C.	Charles Bernhardt Redmond, Jr.	Md.
Rita Lucille DeCesare	D.C.	Robert Stephen Reitman	N.J.
Alan Clark Duckworth	Va.	Samuel Resnick	Md.
Marion Baker Glickman	D.C.	William Donald Roberson	D.C.
(With distinction—Special honors in Chemistry)		James Winnfield Roberts, Jr.	Va.
Walter Glickman	D.C.	Bennett Allen Robin	D.C.
Albert Lawrence Goldman	N.Y.	William Joseph Scruggs	D.C.
Robert Henry Green	Md.	Edwin Tillman Stirling	D.C.
Stephen Corawell Hopkins, Jr.	D.C.	Norman Gilbert Torchin	D.C.
Jo Anne Houk	Calif.	Fred Sylvester Valles	Wyo.
Edward William Hutnir	Calif.	Peter Josef Weiss	D.C.
		Farrell Roy Werbow	D.C.

## MASTER OF ARTS

NOVEMBER 11, 1950

Frank Ward Anders, Jr.	Md.	Charles Smaison Greenwald	Tex.
A.B. 1949, The George Washington University		A.B. 1949, The George Washington University	
William Boyd Buckman	D.C.	Martha Chapman Guilford	D.C.
B.S. 1947, University of Maryland		A.B. 1948, Alabama State College for Women	
James Edgar Byron	D.C.	Edward Hacskeylo	W.Va.
A.B. 1949, Princeton University		A.B. 1949, The George Washington University	
Herbert Cohen	N.Y.	Daniel William Linehan	Mass.
A.B. 1949, The George Washington University		A.B. 1949, The George Washington University	
Albert Frederick Esch	D.C.	Paul Robert Long	Pa.
A.B. 1949, The George Washington University		A.B. 1949, The George Washington University	
James Frederick Gibson	Ill.		
A.B. 1949, The George Washington University			



Helen Ludwig A.B. 1948, The George Washington University	N.J.	Estienne Szollosi B.S. 1929, Toldi Ferenc Forealskola P.C.N. 1930, Tours University	D.C.
Carrington Belt McGraw, Jr. A.B. 1949, The George Washington University	Va.	John Snyder Tilton A.B. 1948, The George Washington University	Va.
Richard Ranier Randall A.B. 1949, The George Washington University	D.C.	Leland Arthur Vliet A.B. 1943, The George Washington University	N.Y.
Yolanda Theresa Salica A.B. 1949, Marymount College	N.Y.	Oliver Evans Vroom A.B. 1948, The George Washington University	Md.
Sidney Sherman A.B. 1947, The George Washington University	N.Y.	Richard Rudolph Wade A.B. 1948, The George Washington University	N.Y.
Jack Byron Simpson A.B. 1949, Earlham College	Pa.	Robert Jerome Weiss A.B. 1949, University of Rochester	Mass.
Joseph George Slavin A.B. 1949, The George Washington University	D.C.	Sarah Wine A.B. 1945, The George Washington University	

## FEBRUARY 22, 1951

Harold Lloyd Best A.B. 1949, The George Washington University	N.Y.	Gwendolyn Dale Likely B.S. 1944, University of Maryland	Md.
Phyllis Lilian Bolton A.B. 1949, Bryn Mawr College	Mass.	Joseph Alexander Murphy, Jr. A.B. 1948, The George Washington University	D.C.
Daniel Brown A.B. 1948, The George Washington University	N.Y.	Raymond Howard Reno A.B. 1950, The George Washington University	Ind.
Emory Alfred Coil A.B. 1950, The George Washington University	Va.	Colin Ritter B.S. in Ed. 1941, Wilson Teachers College	D.C.
Eugene Paul Corbets A.B. 1949, Mount Union College	Ohio	Albert Ritzenberg A.B. 1942, University of Maryland	Md.
William Edgar Detchler A.B. 1949, University of Maryland	D.C.	Julius Samuel Romanoff A.B. 1941, Brooklyn College	N.Y.
Patricia Elly A.B. 1949, College of Notre Dame of Maryland	Md.	Louis Schatz A.B. 1949, The George Washington University	Va.
Charles Frederick Gieseking A.B. 1949, The George Washington University	Va.	Margaret Abramitis Schreiner A.B. 1950, The George Washington University	N.J.
Mary Viola Hall A.B. 1950, The George Washington University	D.C.	Bella Schwartz A.B. 1944, The George Washington University	Pa.
Marjorie Hensley A.B. 1947, The George Washington University	D.C.	Loretta Eastman Scott A.B. 1948, The George Washington University	Va.
Clark Joel A.B. 1949, The George Washington University	D.C.	Selig Starr A.B. 1940, Brooklyn College	N.Y.
Eva M. Johnson A.B. 1949, The George Washington University	Md.	Leonard Walton Vaughan A.B. 1949, The George Washington University	D.C.
Peter William Kyriazis A.B. 1949, The George Washington University	Md.	Orme Wilson, Jr. B.S. 1942, Harvard University	
		Joseph Jay Wolf A.B. 1949, The George Washington University	

## MAY 30, 1951

Arthur William Bailey A.B. 1949, The George Washington University	D.C.	Marjorie Anne Boone B.S. 1945, Northwestern University	D.C.
Charles White Bass A.B. 1949, The George Washington University	Tenn.	Emil Borysko A.B. 1940, Brooklyn College	N.J.
		Kathryn Anne Burchard A.B. 1949, The George Washington University	

# Degrees Conferred

381

Hewitt Cochran A.B. 1938, Yale University	D.C.	William Joseph Powers A.B. 1948, The George Washington University	Va.
John Eisele Davis, Jr. A.B. 1949, University of Maryland	Va.	Dorothy South Projector A.B. 1943, Southwestern University	Md.
Mary Sherill Durham A.B. 1950, The George Washington University	Va.	Edna Marie Richeson A.B. 1950, Ohio State University	Ohio
Irving Geller A.B. 1949, The George Washington University	N.J.	M.N. 1942, Western Reserve University	
Jacqueline Pauline Greco B.S. 1945, St. Joseph's College	Pa.	Joseph Sigmund Robbin A.B. 1950, The George Washington University	D.C.
Joseph William Hazell, Jr. B.S. 1949, Harvard University	Md.	Wilfred Glasgow Rouleau A.B. 1942, Catholic University of America	D.C.
Cecil Davis Johnson A.B. 1948, University of Kansas City	Va.	Jean-Louis Solal A.B. 1950, The George Washington University	France
Hyman Benjamin Kaitz A.B. 1943, The George Washington University	Mass.	William Samuel Spector B.S. 1950, The George Washington University	Wis.
Joseph Lima B.S. 1950, American University	Md.	John Ettinger Tompkins A.B. 1944, The George Washington University	Canada
John Erwin MacNab A.B. 1948, The George Washington University	Canada	Irwin George Weintraub B.S. 1949, College of William and Mary	D.C.
Frederick Brooks Maxwell, Jr. A.B. 1949, The George Washington University	Md.	Wallace Dudley Winters A.B. 1950, The George Washington University	N.Y.
Henry Leonard McCorkle A.B. 1950, University of Texas	Va.	Dwight Geer Worden A.B. 1950, The George Washington University	N.Y.
Richard Bellum Miller A.B. 1948, University of Maryland	D.C.	Zoe Wyche A.B. 1937, The George Washington University	D.C.
Mary Jane Minnich A.B. 1949, Seton Hill College	Ohio		
Ruth Gallert Newman A.B. 1937, New Jersey College for Women	D.C.		
Emmit E. Noland, Jr. A.B. 1949, University of Georgia	Ga.		

## MASTER OF SCIENCE

NOVEMBER 11, 1950

Elise Ann Brandenburger B.S. 1949, The George Washington University	Va.	Ira Kline B.S. 1948, American University	N.J.
William James Canady B.S. 1946, Fordham University	N.Y.	Stanley Morton Kurtz B.S. 1949, The George Washington University	D.C.
Harry Nelson Carlton B.S. 1949, The George Washington University	D.C.	George Albert Marlowe, Jr. B.S. 1949, The George Washington University	D.C.
James William Chaney A.B. 1949, Catholic University of America	D.C.	Charles Edward McCreight B.S. 1948, The George Washington University	D.C.
James Parker Connor B.S. 1949, Georgetown University	D.C.	Stanley Fletcher Patten, Jr. B.S. 1949, The George Washington University	D.C.
Martin Thomas Davis B.S. 1948, Rensselaer Polytechnic Institute	Conn.	William Edward Schmidt B.S. 1943, The George Washington University	Md.
Joseph Anthony DeGrandi B.S. 1949, Trinity College	Conn.	Paul Shapiro B.S. 1949, The George Washington University	N.Y.
Joseph Esmail B.S. 1948, John B. Stetson University	N.Y.	Nancy Caroline Smith B.S. 1949, West Virginia Wesleyan College	Pa.
Leonard Jay Feinberg B.S. 1947, Rutgers University	Pa.	Kenneth Kaname Takemoto B.S. 1949, The George Washington University	Md.
Marshall Closson Gardner B.S. 1944, The George Washington University	Md.		W.Va.
John William Howard A.B. 1947, Catholic University of America			Hawai

## FEBRUARY 22, 1951

Virginia Lee Blackford	D.C.	Julius Melvin Peters	Md.
B.S. 1949, American University		A.B. 1938, A.M. 1942, The George Washington University	
Janet Wilson Hartley	D.C.	Tze-Tung Tang	China
B.S. 1949, University of Maryland		A.B. 1944, National Central University, China	
Karl Itkin	Md.		
B.S. in E.E. 1934, Cooper Union		B.S. 1949, St. Mary's College	
Sara Marie Myers	N.J.		
A.B. 1948, University of Southern California			

## MAY 30, 1951

Norman Altzner	Conn.	Fred Isamu Kamamoto	Hawaii
B.S. 1950, The George Washington University		A.B. 1950, The George Washington University	
Howard Emerson Busey	Md.	John Irvin Munn	Md.
A.B. 1943, The George Washington University		B.S. 1948, Pennsylvania State Teachers College, Indiana	Ohio
Lloyd Eugene Church	Md.	Charles Stein	
A.B. 1942, West Virginia University		B.S. 1934, Case Institute of Technology	D.C.
D.D.S. 1944, University of Maryland		Paul Andrews Ward	D.C.
Patricia Cobden Dickinson	Conn.	A.B. 1938, University of Omaha	
B.S. 1947, Rollins College		Edmund John Wells, Jr.	
Doris Lee Harris	Va.	B.S. 1948, The George Washington University	D.C.
A.B. 1937, Concord State Teachers College		Lloyd Benjamin Witkin	
Melvin Harold Heiffer	Va.	B.S. 1949, Louisiana Polytechnic Institute	Md.
B.S. 1949, College of William and Mary		Isidore Wodinsky	
		A.B. 1939, Brooklyn College	

## THE SCHOOL OF MEDICINE

## DOCTOR OF MEDICINE

## MAY 30, 1951

Juan Araújo Vidal	Puerto Rico	Robert Burton Breeding	Ky.
B.S. 1940, University of Puerto Rico		A.B. 1944, Transylvania University	
Jeanne Frances Barinott	D.C.	B.S. 1944, University of Kentucky	D.C.
B.S. 1947, Pennsylvania State College		James Crawford Bruce	Pa.
Joseph Frederick Barr	N.J.	Ralph John Cole	
William John Barrison, Jr.	Pa.	A.B. 1948, The George Washington University	D.C.
B.S. 1946, Pennsylvania State Teachers College, East Stroudsburg		Charles David Cooper	
Harry Barton Beatty	Va.	A.B. 1948, The George Washington University	Md.
A.B. 1948, The George Washington University		Jack Crowell	
Robert Hahn Berry	Ohio	B.S. 1947, The George Washington University	Va.
(With distinction)		James Corwin DeWitt	
Thomas Calvin Blair	Mich.	B.S. 1943, Mount Union College	D.C.
B.S. 1947, University of Michigan		Maryanna Elizabeth Dotson	
John Frederick Blue	N.C.	A.B. 1948, The George Washington University	D.C.
B.S. 1942, North Carolina State College		Seymour Dubroff	
Irene Joan Uhrig Boone	N.M.	A.B. 1948, The George Washington University	D.C.
(With distinction)		Morton Philip Eanet	Ala.
B.S. 1943, M.S. 1946, Pennsylvania State College		A.B. 1947, Yale University	
John Andrew Bowler, Jr.	D.C.	Jack Fealy	
A.B. 1949, The George Washington University		B.S. 1947, Birmingham-Southern College	
John Grover Bradley	Nev.		
Edgar Newton Brawner, Jr.	D.C.		



Richard Albert Fozzal B.S. 1948, Western Reserve University	Ohio	Roger William O'Gara A.B. 1948, The George Washington University	Miss.
John William Gates	Calif.	Joseph William Pidgeon	N.Y.
Albert Bernard Gerbie	Ohio	Elizabeth Price	Va.
Clifford James Goodman B.S. 1947, The George Washington University	Ariz.	A.B. 1941, Columbia University	D.C.
Keith Carpenter Greaves B.S. 1941, University of Idaho	Idaho	A.M. 1944, University of Minnesota	D.C.
Eugene Harding Guthrie	Md.	Roy Elliot Ritta, Jr. A.B. 1948, The George Washington University	Tex.
Martin Edward Hansen	Calif.	Joseph William Robertson B.S. 1947, Agricultural and Mechanical College of Texas	Mich.
Theodore Reed Hopkins A.B. 1947, Stanford University	Calif.	Eugene Debs Robin (With distinction)	N.Y.
Robert Lynwood Howard A.B. 1948, University of Alabama	Ala.	B.S. 1945, M.S. 1946, The George Washington University	N.Y.
James Brooke Hutt, Jr. B.S. in E.E. 1948, University of Michigan	Va.	George William Sandford William Francis Schmidt	N.Y.
Grant Lafayette Hyde	Calif.	A.B. 1949, The George Washington University	Calif.
Howard Hamilton Johnson, Jr. A.B. 1948, The George Washington University	D.C.	Maxine Ann Schurter (With distinction)	N.Y.
Raymond Riggs Klika	Ohio	A.B. 1944, Pomona College	Va.
Robert Lawrence Krichmar A.B. 1943, Boston University	Va.	Julius Louis Schwartz	Ohio
Jay Donald Lasher B.S. 1949, University of Pittsburgh	Pa.	A.B. 1947, New York University	D.C.
Roy William Laughmiller, Jr. A.B. 1947, Maryville College	Tenn.	Samuel Rodmond Smith A.B. 1948, The George Washington University	Fla.
David Rino Lenarduzzi A.B. 1948, The George Washington University	Md.	Emmet Joseph Thorpe B.S. 1948, Western Reserve University	Puerto Rico
William Stewart Lyons A.B. 1949, The George Washington University	D.C.	Charles Eby Townsend A.B. 1948, The George Washington University	Mich.
Richard Gledhill Manthey B.S. 1948, Western Reserve University	Ohio	Malcolm Stickle Van de Water Jose Ramon Vigoreaux Rivera	Calif.
Doris Katherine Martens A.B. 1944, University of Southern California	Calif.	Teunis Phillip Waakles (With distinction)	Va.
Thomas Ernest Mattingly, Jr. A.B. 1948, The George Washington University	Md.	A.B. 1941, Hope College Ph.D. 1945, Ohio State University	Calif.
James Robert McClelland Violet Kellogg McCune A.B. 1948, The George Washington University	D.C.	Warren Ernest Clyde Wacker (With distinction)	Oreg.
Joseph Russell McWhirt A.B. 1948, The George Washington University	D.C.	Robert Lee Wade Benjamin Murray Whisenand	Wyo.
Grant William Miller B.S. 1947, University of Washington	D.C.	William Dean Wilson B.S. 1948, University of Wyoming	D.C.
John Baptiste Monier B.S. 1941, University of Pittsburgh	D.C.	Robert Kenneth Wineland A.B. 1948, The George Washington University	Pa.
	Va.	Ralph Lane Wroth A.B. 1947, Kenyon College	Conn.
	Pa.	Michael Allen Young Robert Young	D.C.
		A.B. 1948, The George Washington University	

## THE LAW SCHOOL

## BACHELOR OF LAWS

NOVEMBER 11, 1950

Robert Louis Ackertly Irving Adler B.S. 1947, New York University	N.Y.	Frederick Willard Barber A.B. 1941, The George Washington University	Calif.
Robert Horace Amidon Marion Anger B.S. in E.E. 1948, Rutgers University	Va.	Richard Paul Barnard B.S. & M.E. 1947, University of Michigan	N.Y.
	D.C.		
	N.J.		

David Charles Bastian	D.C.	Lawrence Aaron Fox	N.Y.
A.B. 1948, University of Maryland		A.B. 1944, Clark University	
Jeas Lee Beasley, Jr.	Okla.	M.S. 1945, Syracuse University	Va.
A.B. 1936, Phillips University		Elizabeth Strachan Freret	
M.S. 1941, University of Oklahoma		(With distinction)	
John Albert Beck	Mo.	A.B. 1942, Tulane University	Alaska
A.B. 1949, University of Tulsa		Maurice Wilfred Goding	
Louis A. Beimford	Ohio	A.B. 1933, Yankton College	N.Y.
B.S. 1948, Miami University		Ronald Howard Goldsand	Va.
Frederick Joseph Bellamah	N.C.	Thomas Cooper Gordon	
A.B. 1940, The George Washington		A.B. 1949, The George Washington	
University		University	Tenn.
Osborn S. Belt	Md.	Eugene Everett Griffith	
A.B. 1943, Allegheny College		A.B. 1927, The George Washington	
M.C.S. 1947, Dartmouth College		University	
Anne Rutherford Bennett	Va.	A.M. 1937, Columbia University	N.Y.
A.B. 1939, Goucher College		Harold Haidt	
Albert Turner Blackwell, Jr.	Md.	B.S. in Ch.E. 1947, Purdue University	Ill.
A.B. 1948, University of Maryland		David Edwin Hammer, Sr.	
Francis Xavier Brennan	N.Y.	A.B. 1949, The George Washington	
Joseph Breslaw	Colo.	University	D.C.
B.S. in M.E. 1946, University of		Edwin Stanton Henry, Jr.	D.C.
Notre Dame		Jordan Sheldon Himelfarb	D.C.
James Edward Bryan	Md.	Robert Bruce Hirsch	D.C.
B.S. 1945, M.S. 1946, Virginia Poly-		Alfred Lee Hiss	Va.
technic Institute		Nathaniel Wilson Hopper	Mass.
George Aloysius Burroughs	D.C.	Leon Russel Horne	
(With distinction)		B.S. 1943, Northeastern University	N.D.
Barbara Campbell	Va.	Donald Raymond Horton	
Humbert John Cantini, Jr.	N.C.	B.S. in Ed. 1948, North Dakota State	
Leonard Carulli	Mass.	Teachers College, Valley City	W.Va.
A.B. 1949, The George Washington		Henry Robert Hundley	N.C.
University		Millard Stanton Hunter	
James Michael Caslin, Jr.	D.C.	B.S. 1938, University of North	
Armand Cifelli	N.J.	Carolina	Va.
Richard Edwin Cornwell	Va.	Barnard Fulton Jennings	
A.B. 1946, Hampden-Sydney College		B.S. 1948, University of Virginia	N.C.
John Langford Curran	Va.	Everitt Craig Jones, Jr.	Va.
A.B. 1949, The George Washington		Arthur Thorpe Kamm	
University		A.B. 1948, American University	D.C.
Clifford Davis, Jr.	Tenn.	Francis Keith Kelly	
A.B. 1949, The George Washington		A.B. 1948, The George Washington	
University		University	Mo.
Franklin Dea	Calif.	Perrin Aloysius Kent	
A.B. 1948, University of Maryland		A.B. 1941, The George Washington	
John Richard DeBarr	Pa.	University	Conn.
A.B. 1947, Bucknell University		Edward Francis Kirby, Jr.	
Duane Greenwood Derrick	Utah	Ph.B. 1937, Providence College	Pa.
A.B. 1948, The George Washington		Alexander Kozel	D.C.
University		Bernard Jack Kune	Md.
John Pershing Downes	N.Y.	Harry Campbell Landis	N.Y.
A.B. 1949, The George Washington		John Monte London	
University		A.B. 1941, Harvard University	Minn.
Ira Roy Earl	Nev.	Phyllis C. Loren	Va.
B.S. 1948, Brigham Young University		Ralph Glyn Louk	Idaho
William Eugene Early	D.C.	Frederick Lukens	D.C.
Roscoe Lynn Egger, Jr.	Md.	A.B. 1947, University of Idaho	
B.S. 1942, Indiana University		Julian Percy Lundy	
Robert Breene Eldredge	Vt.	A.B. 1949, The George Washington	D.C.
A.B. 1948, Duke University		University	
Martin Robert Fain	D.C.	James Claude Lyda	
James Emory Faust	D.C.	A.B. 1948, The George Washington	N.Y.
A.B. 1948, The George Washington		University	
Donald Edward Fitzgerald	Md.	Leonard Bruce Mackey	
A.B. 1949, The George Washington		B.E.E. 1945, Rensselaer Polytechnic	D.C.
University		Institute	Minn.
Bennie Lyle Fletcher, Jr.	Va.	Duncan Shaw MacRae	Va.
Leonard Forman	N.Y.	Walfred Victor Maki	D.C.
B.S. 1940, College of the City of		Richard Alton Martin	
New York		Mary Ellen McCarthy	D.C.
James Frazier Fort	Tenn.	A.B. 1947, Duke University	Md.
		Buchanan Houston McCeney	
		William Harrison McCullough	

Thomas Kapp McDill	Va.	Henry Rossi	R.I.
A.B. 1948, Miami University		A.B. 1949, The George Washington University	
Ernest Richard McIntyre	D.C.	Bernard Rowitz	N.J.
Joseph Patrick McKay	Mass.	A.B. 1948, Rutgers University	
William Francis McLaughlin	Va.	Edgar Lee Secret, Jr.	Va.
A.B. 1944, Swarthmore College		B.S. 1941, University of Georgia	
Marietta Bortz McNally	Pa.	Julian James Shingler	Ga.
B.S. 1947, Temple University		B.S. 1939, United States Coast Guard Academy	
John Stephens Mears, Jr.	Ind.	Lloyd Allen Shookman	Ind.
A.B. 1949, The George Washington University		A.B. 1949, The George Washington University	
Edward Alexander Mitchell, Jr.	D.C.	Eugene Paul Spector	D.C.
A.B. 1943, University of Virginia		A.B. 1947, The George Washington University	
Walter Aaron Modance	N.Y.	Richard Stetson	Md.
B.S. 1938, College of the City of New York		A.B. 1949, The George Washington University	
Boyd Guerry Moore	D.C.	Alderic Clarence Sturdavant	Md.
Lewis Dawson Morris	Va.	A.B. 1949, The George Washington University	
Joseph Patrick Murphy	Va.	Roy Albert Swayne	Va.
A.B. 1949, The George Washington University		James Charles Sweeney, Jr.	Colo.
Michael Thomas Nerahi	N.Y.	B.S. 1948, University of Denver	
A.B. 1949, The George Washington University		Joseph Bernard Taphorn	Ill.
Warren James Nichols	Va.	B.S. in Agr. 1949, University of Illinois	
A.B. 1949, The George Washington University		B.S. in Eng. 1949, The George Washington University	
William John O'Brien	Va.	Earl Arunah Thomas	D.C.
B.S. 1942, Tufts College		A.B. 1949, The George Washington University	
Ralph Babcock Pastoriza	N.Y.	Thomas Carlton Thompson, Jr.	Md.
B.S. 1944, California Institute of Technology		B.S. 1948, University of Pennsylvania	
Eugene Bernard Paulisch	Pa.	Edward Gonzales Villalon	D.C.
A.B. 1949, The George Washington University		Brainard Henry Warner III	Md.
Samuel Eli Petkovich	Ohio	B.E.E. 1946, Yale University	
James Baker Pierce	Mich.	Joseph Coates Webb, Jr.	D.C.
B.S. in E.E. 1949, University of Michigan		A.B. 1948, The George Washington University	
Robert Rolland Poston	Ind.	Luther Charles West	Ala.
B.S. 1934, State University of Iowa		A.B. 1948, Birmingham-Southern College	
Stephen Franklin Preslar	Tex.	Lewis Beaman Whitworth, Jr.	Md.
Walter Harlan Preston	D.C.	John Raymond Willett	Maine
Milo V. Price	Nev.	A.B. in Govt. 1948, The George Washington University	
Francis Vernon Queen	Va.	Lenard Lee Wolfe	Pa.
A.B. 1941, Berea College		A.B. 1948, The George Washington University	
William Lavern Reynolds	Kans.	Joseph Herman Yount, Jr.	Ohio
Thomas Totten Richardson	Va.	A.B. 1948, Oberlin College	
Herbert Betz Rickards	Mich.		
Frederick Ludwig Rodenbeck, Jr.	N.C.		
A.B. 1940, A.M. 1941, University of Nebraska			
Donald Lewis Rose	Pa.		
B.S. in Ch E. 1947, Pennsylvania State College			

## FEBRUARY 22, 1951

Joseph Labe Abrahamson	Va.	Hyland Bizot	Ky.
Howard Leonidas Auten	D.C.	B.S. 1934, University of Kentucky	
Kenneth Alexander Bailey	N.C.	Henry Luke Brinks	Ill.
Donald Benson Baird	Pa.	A.B. 1948, Wheaton College	
A.B. 1948, University of Pittsburgh		Wilfred Gene Caldwell	Ind.
Alphonus Albert Balavage	Va.	B.S. in E.E. 1945, M.S. in E.E. 1948, Purdue University	
B.S. 1947, University of Pennsylvania		Dean Farrington Cochran	Va.
James Franklin Battin	Mont.	(With distinction)	
Alta Mae Beatty	D.C.	A.B. 1949, The George Washington University	
Royal Arthur Bechtold	Ind.	Aldo John Cozzi	N.Y.
B.S. 1948, Indiana University		B.S. 1946, M.E. 1947, Stevens Institute of Technology	
John Elliott Beebe, Jr.	Kans.		
A.B. 1937, Municipal University of Wichita			



Frank Haywood Cullen B.S. in Eng. 1949, The George Washington University	Va.	Peter James Kostik A.B. 1949, The George Washington University	Ohio
Stanley Charles Dalton, Jr. B.S. 1947, Rensselaer Polytechnic Institute	Va.	Robert Bosco Lagather Leslie Wade Lathram A.B. 1937, Miami University A.M. 1939, University of Cincinnati	Minn. Va.
Lewis R. Darlin, Jr. Abraham Dobkin A.B. 1948, The George Washington University	Ohio N.Y.	Gerald H. Lessuk Samuel Joseph L'Hommedieu, Jr. B.S. 1949, University of Maryland	N.Y. D.C.
William Francis Donnelly John William Earman, Jr. Frank Jones Earnheart A.B. 1947, University of North Carolina	Md. D.C. N.C.	Thomas Alexander Lohm A.B. 1949, The George Washington University	Md.
Frank Robert Ealinger B.S. 1946, University of New Mexico	Va.	Fred Eli Lott, Jr. A.B. 1947, A.M. 1948, Syracuse University	N.Y.
John Joseph Farrell B.S. 1946, University of South Carolina	Pa.	Edward I. Mates A.B. 1939, Brooklyn College	N.Y. D.C.
Paul Henry Fields, Jr. Harry Carl Fischer A.B. 1948, The George Washington University	D.C. D.C.	William Pendleton McClure B.S. 1949, University of Pennsylvania	Pa.
John Bryan Flaberty, Jr. B.S. in E.E. 1944, Northeastern University	Mass.	Clyde Christian Metzger B.S. 1948, Pennsylvania State College	D.C.
Michael Edward Foley Edward Louis Fox Herbert Standish Frahm Carl Walter Franzman William Albert Gail B.S. in M.E. 1948, University of Illinois	D.C. Okla. D.C. Va. Ill.	Roy Hamilton Miller Patricia Ann Mooney A.B. 1941, Texas College of Mines A.M. 1946, East Texas State Teachers College	D.C. Tex.
Jack John Garri A.B. 1947, University of Michigan	Mich.	Ph.D. 1946, Cornell University	Md.
Alfred Merton Goldman Francis Guthrie Gordon, Jr. Gerald Malvin Gorrin John Awan Gray, Jr. B.S. 1949, Pennsylvania State College	Md. Va. N.J. Md.	John Edward Morgan John Clifford Mull Martin Samuel Postman B.S. 1946, Virginia Polytechnic Institute	N.C. D.C. N.Y.
Sidney Greenberg B.S. 1949, Massachusetts State College	Mass.	Andrew Paul Power A.B. 1947, The George Washington University	Va.
Lloyd William Hamilton A.B. 1948, The George Washington University	D.C.	Lavinia Lindsay Redd A.B. 1935, Randolph-Macon Woman's College	Conn.
Dale Wayne Hardin A.B. 1949, The George Washington University	Va.	George Kenneth Gordon Reilly A.B. in Govt. 1947, The George Washington University	D.C.
Robert William Hayes A.B. 1939, Columbia University	N.Y.	Thomas Adams Robinson William Walter Rogal A.B. 1949, The George Washington University	Va. D.C.
Joseph Carl Hill B.S. 1948, Mount St. Mary's College	Va.	Clarence Richard Saccardi John Albert Sanders A.B. 1948, The George Washington University	Pa.
James Cletis Hise A.B. 1948, University of Illinois	Ill.	Joseph Samuel Schenck Eric Adolph Schuppig Howard Lawrence Shine A.B. 1940, Bowling Green State University	N.C. D.C. D.C.
Edward Brewster Holt B.S. in M.E. 1947, University of Michigan	Ill.	Joseph Jerome Shutkin A.B. 1947, University of Wisconsin	Wis.
Russell Hale Hubbard, Jr. B.S. in E.E. 1944, Syracuse University	Conn.	Harry Daniel Sizemore A.B. 1949, College of William and Mary	Va.
Isaac Isaac A.B. 1949, The George Washington University	Pa.	Jack Albert Smith George Britton Somers A.B. 1939, University of Richmond	N.Mex. Va.
Willis John Jensen B.S. 1947, Pennsylvania State College	Wyo.	Elizabeth Lamkin Southerland A.B. 1949, University of Georgia	Ga.
James Frederick Jones John Leo Kelly B.S. 1947, Georgetown University	Va. Md.	Thomas Denmuth Spivey A.B. 1949, University of North Carolina	Va.
James Brooks Kinzer, Jr. B.S. 1948, Pennsylvania State College	Pa.	Alexander Louis Stevas A.B. 1949, The George Washington University	Va.
Maurice H. Kitzman B.S. in M.E. 1948, Purdue University	Ohio	Norman Frederick Stultz, Jr.	Mass.

Carl Richard Thackston A.B. 1949, Furman University	S.C.	John Vernor Whittenburg B.S. in Ch.E. 1948, Rice Institute	Tex.
James Elmer Thompson, Jr. A.B. 1949, University of Maryland	Md.	Don Frank Wilkins John Hawley Woodhull	Utah N.Y.
Llewellyn Russell Wharry B.S. 1931, Bradley University	Ill.	B.S. in E.E. 1942, Tufts College	Va.
A.M. 1936, University of Iowa		William Pape Woods, Jr.	Pa.
Sidney Rorton Whitmore	Nev.	Anthony Zabiegalski, Jr. A.B. 1949, Bucknell University	

## MAY 30, 1951

Milton E. Abramson B.B.A. 1942, College of the City of New York	N.Y.	Stanley Martin Dietz Jeanne Louise Dobres	N.Y. Md.
Oscar Altshuler Glynn Robinson Baker B.S. in Ch.Eng. 1948, Purdue Uni- versity	N.Y. Mich.	A.B. 1949, The George Washington University Owen Ken Earl	Idaho
Raymond Fulton Belew Charles Angelo Bevelacqua B.S. in M.E. 1947, University of Pittsburgh	Va. Pa.	A.B. 1948, Brigham Young Uni- versity Robert William Fiddler	N.Y.
William Bowen A.B. 1949, The George Washington University	N.Y.	B.M.E. 1946, College of the City of New York Irving Fleishman	D.C.
Paul Arnold Borel B.S. in C.E. 1934, University of Kansas	Va.	A.B. 1948, The George Washington University George Howard Foster, Jr.	D.C.
M.B.A. 1938, Harvard University A.M. 1944, Columbia University		B.S. 1942, United States Naval Academy	Va.
Paul Emerson Calow B.Met.E. 1944, University of Minne- sota	Va.	Marion Julian Foster B.S. 1949, University of Virginia	Va.
Henry Jules Camarot John William Cameron A.B. 1949, The George Washington University	N.C. D.C.	Charles Frederick Gareau B.M.E. 1939, The George Washington University	Va.
Francis Walter Campbell Ed B. 1946, Rhode Island College of Education	R.I.	Charles Donald Garrett B.S. 1931, Franklin and Marshall College	Md.
James Joseph Campbell Randolph Adair Carlson A.B. 1948, Brown University	D.C. Md.	Arthur Gauss B.S. in E.E. 1933, Drexel Institute of Technology	Va.
William Benton Carne B.S. in B.A. 1943, University of Tennessee	Tenn.	Robert Stewart Gibbs A.B. 1948, The George Washington University	Md. Va.
Patrick Louis Carpentier George Lee Cary, Jr. A.B. 1949, University of Maryland	Md. Md.	Thomas Morton Gittings, Jr. Richard Ellsworth Glasgow A.B. 1948, Bradley University	Pa.
John Brendan Casey Arthur Joseph Cerra Norman Lee Christeller A.B. 1943, Oberlin College	D.C. N.Y. Md.	John Henry Glowacki B.S. 1949, Bucknell University	Cenn. D.C.
James Leonard Clark William Giddings Clark William Hoffman Coburn Joseph Daniel Coker A.B. 1935, A.M. 1937, Ph.D. 1949, The George Washington University	Ga. Md. Mont. S.C.	Lawrence Gochberg Samuel Zachary Goldman A.B. 1949, The George Washington University	N.Y. Va.
Herman Elmer Cox A.B. 1950, The George Washington University	S.C.	Alfred Geza Graf Albert Harold Grenadier A.B. 1949, The George Washington University	Calif
Dewey Junior Cunningham B.M.E. 1947, University of Louisi- ville	Va.	Katherine I. Hancock A.B. 1942, University of California	Iowa
John Dalonas A.B. 1950, The George Washington University	Va.	Richard Carl Harris B.S. 1947, Iowa State College	D.C.
Earl Clement Darsch A.B. 1942, Western Maryland College	Va.	Byron Edward Harrison Alexander McMurray Hearn (With distinction)	Mo.
Maurice Allen David Robert Arthur Diemer	Ind. D.C.	Jack Robert Herman A.B. 1943, The George Washington University	Va.
		Quinton E. Hodges B.S. 1935, University of Georgia M.S. 1937, John B. Stetson Uni- versity	Ga.
		Michael Brandon Holland B.S. in E.E. 1947, Cornell Uni- versity	N.Y.

James George Hollis	Md.	Leon Pear	D.C.
B.S. 1948, American University		B.S. 1947, University of Maryland	W.Va.
Irving Holtzman	N.Y.	Charles William Pendergast	D.C.
A.B. 1940, Brooklyn College		Horace Hugo Perez	
Edward John Hussar	Ill.	B.S. 1946, Louisiana State University	D.C.
A.B. 1946, The George Washington University		George Peter Perros	
John Joseph Jaskot	Pa.	A.B. 1940, The George Washington University	Md.
William George Kemp	Md.	Robert Charles Perry	Wyo.
A.B. 1949, The George Washington University		Catherine Elizabeth Phelan	
Arthur Peter Kent	Va.	A.B. 1936, Clarke College	Tex.
B.S. 1941, The George Washington University		Alfred Hutchinson Flyer, Jr.	
David Bowen Kinney	Va.	B.S. in M.E. 1948, Rice Institute	N.J.
A.B. 1943, Alma College		Morton M. Poznak	D.C.
James Nolan Kinsel	D.C.	William Reback	N.J.
B.S. 1943, University of Maryland		Seymour George Reitman	Va.
Martin Joseph Kirsch	D.C.	Brice Wilson Rhyme	Okla.
Lester Kraft	Md.	Perry Leonard Roberts	
A.B. 1948, University of Maryland		B.S. 1938, Oklahoma Agricultural and Mechanical College	Pa.
George Edward Langr	N.Y.	Armand Irving Robinson	
A.B. 1948, Union College		B.S. 1949, Drexel Institute of Technology	D.C.
John Gregory Laughlin	Kans.	Jean Ann Rutledge	
Frank Clay Leach, Jr.	Ky.	A.B. 1947, University of Indiana	D.C.
B.S. in M.E. 1947, University of Kentucky		William John Schaefer, Jr.	
Howard Isadore Legum	Va.	A.B. 1940, University of Pittsburgh	Pa.
A.B. 1943, Harvard University		Michael Edward Sedmak	
Irving Levine	Md.	A.B. 1949, Muhlenberg College	W.Va.
Arnold Charles Lewis	N.Y.	Earl Edward Shaffer	Pa.
B.S. in Eng. 1937, College of the City of New York		James Francis Sharkey	Va.
E. Jerry Light	Pi.	George Walter Shelhorse	
B.S. in E.E. 1946, Columbia University		(With distinction)	N.Y.
Harold Lipsky	N.J.	Benjamin M. Sherman	Ohio
A.B. 1947, New York University		A.B. 1948, New York University	
Dewey Cecil Long	Okla.	Jacob Shore	
John Irving Loy	Calif.	B.S. in M.E. 1946, Illinois Institute of Technology	Md.
A.B. 1942, University of California at Los Angeles		George Martin Skelly, Jr.	
Layton, Frank MacNichol	D.C.	A.B. 1949, The George Washington University	N.Y.
A.B. 1942, The George Washington University		Hugh Edward Smith	
Nicholas John Margaritis	Calif.	B.Ch.E. 1947, Rensselaer Polytechnic Institute	N.C.
Charles Buchanan Markham	N.C.	Wallace Morrell Smith	
A.B. 1945, Duke University		A.B. 1949, The George Washington University	N.Y.
Cornelius Joseph McCool	D.C.	Lewis Jay Solomon	N.Y.
Raymond John McDonough	N.Y.	Norman Noah Spain	
George K. Mordas	N.J.	A.B. 1946, Brooklyn College	Pa.
Sidney J. Moss	N.Y.	Mervin Stein	
A.B. 1948, The George Washington University		B.S. 1947, B.C.E. 1948, Rensselaer Polytechnic Institute	N.Y.
Rupert Albert Mulhearn	Va.	Leif Emil Steinert	N.J.
A.B. 1950, The George Washington University		Eugene Paul Sylvester	Va.
Donald Richard Nyhagen	Va.	Thomas Louis Tanner, Jr.	D.C.
B.S. 1944, University of California		Dyer Justice Taylor	R.I.
Nicholas Ewing Olesby, Jr.	D.C.	John Peter Tebeau	Pa.
B.Ch.Eng. 1943, M.Ch.Eng. 1947, Rensselaer Polytechnic Institute		Martin Richard Techner	N.J.
Frank Richard Ortolani	Pa.	Harold Robert Teltser	Ind.
B.S. 1944, B.S. in Ch.Eng. 1948, Pennsylvania State College		William A. Temple	
Axel Weldemar Henry Ozholm	Wash.	B.S. 1946, United States Military Academy	Fla.
A.B. 1949, The George Washington University		Frane Vesta Thomas	
B.S. 1950, United States Merchant Marine Academy		A.B. 1943, The George Washington University	Va.
Arthur Andrew Palmer, Jr.	Md.	David Winship Tibbott	Tex.
B.S. 1948, University of Maryland		B.M.E. 1945, University of Virginia	
		Lyman Ray Tucker	
		A.B. 1949, The George Washington University	



Clarence William Turner, Jr. B.S. in M.E. 1947, Purdue University	D.C.	Joseph Hill White III A.B. 1948, American University	Va.
Barbara Marie Vache A.B. 1949, The George Washington University	Ohio	Robert Ora Woods James Laban Wray	Calif. Ark.
Harry Robert Venables A.B. 1949, University of Maryland	Md.	Berkeley Wright, Jr. Burton Yavener	D.C. N.J.
Thorpe Albert Waddingham Lucile Burd Wendt	Utah	Robert Bell Yorty A.B. 1950, University of Nevada	Nev.
A.B. 1943, University of South Dakota	S.D.	Richard Eugene Zachary Joseph Zitomer	D.C. D.C.

## JURIS DOCTOR

## NOVEMBER 11, 1950

John Alton Boyer (With distinction) A.B. 1948, The George Washington University	Md.	Nathaniel Hyman Rogg A.B. 1934, A.M. 1935, New York University	N.Y.
Kitty Blair Frank A.B. 1943, University of Wisconsin	D.C.		

## FEBRUARY 22, 1951

Catherine Burton Kelly A.B. 1940, Smith College	Md.	Milton Osheoff B.S. 1939, College of the City of New York	N.Y.
Mary Alice McConnell A.B. 1932, Hollins College	Fla.	Bernarr Roe Pravel B.S. in Ch.E. 1947, Rice Institute	Tex.

## MAY 30, 1951

Robert Stocks Hope A.B. 1950, The George Washington University	Va.	Mark Levin B.S.E. 1948, Princeton University	Ill.
B.S. 1950, United States Merchant Marine Academy		Grace Flax Levine A.B. 1948, The George Washington University	N.Y.
Harrison Darden Hutson A.B. 1948, Southeastern Louisiana College	La.	William Lowrey Mathis B.S. in M.E. 1947, Duke University	Va. Ohio
Morton Clifford Jacobs B.S. 1943, College of the City of New York	N.Y.	Denver Lee Russell A.B. 1947, Mount Union College	N.Y.
Donald Lewis Johnson (With distinction) B.S. in Ch.E. 1947, Purdue University	S.D.	Bernard Stickney B.S. 1938, College of the City of New York	

## MASTER OF LAWS

## NOVEMBER 11, 1950

Rankin MacDougal Gibson LL.B. 1949, University of Missouri	Mo.	William Robert Richards LL.B. 1950, The George Washington University	Md.
B.S.L. 1948, St. Paul College of Law		Hiroshi Sakai LL.B. 1950, The George Washington University	Hawaii
Norman Palmer Glass A.B. 1937, Oklahoma City University	Okla.	Eugene Earl Threadgill A.B. 1940, University of Florida	D.C.
LL.B. 1941, University of Oklahoma		LL.B. 1944, Georgetown University	Ga.
Ollie James Holbrook LL.B. 1950, The George Washington University	Ky.	Cornelius Brooks Thompson, Jr. LL.B. 1950, The George Washington University	
Edward Sterling Irons B.S. 1942, J.D. 1947, University of Illinois	Ill.	Gilbert Earl Weaver A.B. 1947, Lenoir Rhyne College	N.C.
George Norman A.B. 1947, Western Maryland College	Md.	LL.B. 1950, The George Washington University	
LL.B. 1949, University of Maryland			
James Edwin Reagan LL.B. 1950, The George Washington University	D.C.		

## FEBRUARY 22, 1951

Vincent Hugh Donald Abbey	Wash.	Leon James Moran	Conn.
A.B. 1947, University of Washington		LL.B. 1949, The George Washington University	
LL.B. 1950, American University	Va.	Robert Karl Rath	Ohio
George Henry Beuchert, Jr.		LL.B. 1950, The George Washington University	D.C.
B.S. in B.A. 1946, LL.B. 1949, Georgetown University	N.Y.	Philip Henry Sheridan	
Walter William Burns, Jr.		B.S. in E.E. 1944, Worcester Polytechnic Institute	
B.E.E. 1942, Cornell University		LL.B. 1949, The George Washington University	N.Y.
LL.B. 1949, The George Washington University	Ill.	Philip Strachman	
Earl Simeon Dowell		B.B.A. 1941, College of the City of New York	
B.S. 1947, University of Illinois	Pa.	LL.B. 1949, Georgetown University	La.
LL.B. 1950, The George Washington University		John Barwick Strahan	
John Vincent Gaughan		A.B. 1935, LL.B. 1938, Louisiana State University	D.C.
A.B. 1932, Villanova College	Conn.	Charles Stanley Sures	
LL.B. 1949, Georgetown University		A.B. 1947, LL.B. 1949, The George Washington University	Va.
John Joseph Hagan	W.Va.	Robert Eddington Swan	
B.S. 1943, Fordham University		B.S. 1937, College of Puget Sound	N.H.
LL.B. 1949, Georgetown University		LL.B. 1948, The George Washington University	
Joseph Earl Hall	Mass.	Wing Wong	
A.B. 1949, Marshall College		LL.B. 1949, The George Washington University	
LL.B. 1950, The George Washington University			
Charles Dennis McCarty			
B.S. in M.E. 1941, Northeastern University			
LL.B. 1948, Boston University	Md.		
Royce Baldwin McKinley			
A.B. 1942, University of Michigan			
LL.B. 1948, Harvard University			

## MAY 30, 1951

Alva Harlan Bandy	Kans.	Albert Haig Hatch	Pa.
B.S. in C.E. 1947, Kansas State College		A.B. 1927, University of Pennsylvania	
LL.B. 1949, Washburn University		LL.B. 1933, Temple University	Va.
Roy R. Banner, Jr.	N.M.	Joseph Andrew Hill	
A.B. 1936, Marshall College		A.B. 1939, Lynchburg College	
A.M. 1937, University of New Mexico		LL.B. 1949, Louisiana State University	Va.
LL.B. 1950, Georgetown University		Cullen Bryant Jones, Jr.	
Benjamin J. Barish	Mich.	A.B. 1948, LL.B. 1950, The George Washington University	S.D.
B.S. in E.E. 1946, Illinois Institute of Technology		Hogen John Kellemejn	
LL.B. 1950, The George Washington University		B.S. 1949, LL.B. 1950, University of South Dakota	Va.
Rhea Morgan Burrow	Tenn.	Joseph Bernard Kennedy, Jr.	
A.B. 1937, Transylvania College		A.B. 1947, LL.B. 1949, The George Washington University	Va.
LL.B. 1950, Georgetown University		Ted Eugene Killingsworth, Jr.	
John Raymond Corridon	Md.	B.M.E. 1943, Clemson College	Va.
A.B. 1938, Maryland University		LL.B. 1949, University of Utah	
LL.B. 1942, The George Washington University		Joseph Homan Newlin	Pa.
John Joseph Dwyer	Mass.	A.B. 1942, LL.B. 1948, The George Washington University	
A.B. 1949, LL.B. 1950, The George Washington University		Harold Sterling Patton	
Kenneth Rehl Ellenberger	Ohio	A.B. 1942, Temple University	D.C.
LL.B. 1948, B.S. 1949, Ohio State University		LL.B. 1947, University of Pennsylvania	
Richard Walsh Fitch, Jr.	Conn.	Edmund Embree Pendleton, Jr.	
A.B. 1932, Amherst College		B.S. 1942, University of Pennsylvania	
LL.B. 1949, Columbia University		LL.B. 1948, Georgetown University	D.C.
Wilbur Lindsay Fugate	Va.	George Cassidy Pendleton	
A.B. 1934, Davidson College		B.S. 1942, University of Maryland	
LL.B. 1937, University of Virginia		LL.B. 1948, Georgetown University	

# Degrees Conferred

391

Ira Jack Rees A.B. 1934, Municipal University of Wichita LL.B. 1939, University of Oklahoma	Okla.	John Frank Taylor A.B. 1936, LL.B. 1939, University of Oklahoma	Okla.
Frederick Schaler B.S. in C.E. 1925, The George Wash- ington University LL.B. 1928, Georgetown University	D.C.	Vincent D. Travaglino LL.B. 1950, The George Washington University	Va.
Edward Karl Scholtz LL.B. 1950, The George Washington University	Nebr.	George Stanley Wicker A.B. 1939, Emory University LL.B. 1950, The George Washington University	Ga.
David Shapiro LL.B. 1950, The George Washington University	D.C.	York Lowry Wilson, Jr. B.S., LL.B. 1950, University of South Carolina	S.C.

## MASTER OF COMPARATIVE LAW

NOVEMBER 11, 1950

Carlos Benito Fernandez Doctor en Leyes 1943, University of Habana LL.B. 1949, University of Miami	Fla.	Frederick William Winkelman J.D. 1937, University of Gottingen	N.Y.
---	------	---	------

FEBRUARY 22, 1951

John Janos Fischer J.D. 1932, University of Szeged, Hungary	D.C.	Stefan Rosada LL.B. 1922, University of Poznan	Va.
Nanette Elisabeth Lissauer LL.B. 1934, LL.D. 1938, University of Leiden	The Netherlands	Simos Zuppas LL.D. 1938, University of Athens	Greece

MAY 30, 1951

Wolfgang Friedrich Behrends Referendar 1949, Georg August Uni- versität, Gottingen, Germany	Germany	Franz Karl Krauskopf Referendar 1950, Johann Wolfgang Goethe Universität, Frankfurt, Germany	Germany
Bruno Giordani Doctor of Jurisprudence 1940, Uni- versity of Rome	D.C.	Joseph L. Stevens J.D. 1935, University of Vienna, Austria	Md.

## DOCTOR OF JURIDICAL SCIENCE

MAY 30, 1951

Jasper Silva Costa A.B. 1927, Brown University LL.B. 1931, Cornell University LL.M. 1948, Georgetown University Dissertation: "Rights of Employers in Inventions of Their Employees"	Mass.
---	-------

## THE SCHOOL OF ENGINEERING

### BACHELOR OF CIVIL ENGINEERING

NOVEMBER 11, 1950

Rudolph F. Besier Jerome Curtis Franklin Joe Hayes Robert Kenny Hedrick	N.Y. Ala. Va. W.Va.	Abraham Kharjavi Mazenderani Mousumi Damodaras Papamichael George March-Palmer Edward Simonetti	Iran Egypt D.C. Mass.
--	------------------------------	--	--------------------------------

FEBRUARY 22, 1951

Thomas Edward Cavanagh John Thomas Clancey, Jr.	Ill. Md.	David Peter Kintslather	Va.
--	-------------	-------------------------	-----

MAY 30, 1951

Arthur Grant Albertson Horatio Allison Eugene Altshuler	Utah Md. N.J.	Joseph Alfonso Barrasso Harvey Bernard Cosmimett Leonard Arne DeGast	N.J. W.Va. Md.
---	---------------------	--	----------------------



Sidney Oliver Dewberry  
Richard William Dingler  
Warren Allen Frick  
Talmage Pomeroy Grimmett  
Oscar Melvin Hokanson  
Konstantinos Karayianis

Va. John Wallace Lewis  
Ill. Thomas Edward Mutchler  
Ill. Ray Anthony Peteritas  
Idaho Joseph Rekas  
Va. Edward Francis Younger, Jr.  
D.C.

Va.  
D.C.  
Pa.  
Pa.  
Md.

## BACHELOR OF ELECTRICAL ENGINEERING

NOVEMBER 11, 1950

John Walter Capp  
Thomas Joseph Cartin  
Alvis Mahlon Craft

N.J. Henry Doong  
N.Y. Richard Hong Yee  
D.C.

N.J.  
D.C.

FEBRUARY 22, 1951

Julius Elihu Foster  
LL.B. 1923, Duquesne University  
Charles Rudolph Hoover  
Nicholas Demetrios Karagiorgos

N.Y. Emilio Rodriguez Rivera  
Va. Melvin Irving Smokler  
Md. Willis Leavenworth Vary  
Robert Edward Winter

Puerto Rico  
Md.  
Va.  
Pa.

MAY 30, 1951

Dean Manlo Austin  
Edmund Felix Bailer  
Arthur Duncan Bailey, Jr.  
Leonard Albert Boein  
Herman Brownstein  
Samuel James Collins  
Calvin George Cross, Jr.  
Dale Russel Davidson  
Richard Lyle Eilbert  
Richard Benjamin Fling  
Harold Gersten  
Anthony Robert Glorioso  
Spiro James Grivas  
William Irvan Haas  
L. Eugene Hall  
James Taylor Hampton  
Virgil Erwin Harris

Idaho Judson Dowling Hulsey  
Md. Hideo Ihara  
D.C. Robert Thomas McCann  
Va. Paul Meissner  
Md. Joseph Cyril Osborne  
D.C. Anthony Felix Pilch  
Mass. George Washington Pynn  
Colo. William Leroy Reed, Jr.  
D.C. Harold Schiffman  
D.C. Leo William Schroeder  
Conn. Robert Henry Spitzer  
D.C. Eugene Thomson  
D.C. Carl Joseph Tonty  
Pa. Marjorie Rhodes Townsend  
D.C. Harry Jackson Tucker, Jr.  
Mo. Walter Frederick Wakefield  
Calif. Fred Charles Yagerhofer

D.C.  
Calif.  
Md.  
D.C.  
Ky.  
Pa.  
D.C.  
Pa.  
Mass.  
W.Va.  
N.Y.  
N.Y.  
Pa.  
D.C.  
D.C.  
D.C.  
D.C.

## BACHELOR OF MECHANICAL ENGINEERING

NOVEMBER 11, 1950

Leonard Darold Christian  
Solomon Sidney Fineblum  
John Michael Kaschak

Okla. Norbert Elerv Stainbrook  
Md. David Bramblett Tate  
Pa. John Oliver Wagner

Pa.  
D.C.  
Va.

FEBRUARY 22, 1951

Ralph Bogley Allnutt  
Samuel Einfrank  
John Tyler Fearnow  
Vernon Stuart Foote

Md. Thomas Alec Fowler  
Wis. Richard Edwin Keister III  
W.Va. William Walter Lesniak  
Va.

D.C.  
D.C.  
Va.

MAY 30, 1951

Ralph Edward Armbruster  
Woodrow Jennings Armstrong  
Hugh Bernard Bauer  
Chester Frank Bilinski  
James William Binckley  
Donald Hugh Campbell  
George Huners Vidal Cooper  
Robert Edward Curtis  
Arthur Freeman Dick  
Harold Esten  
Darrell Wade Fletcher  
James Elsworth Frampton  
Charles Edgerton Jackson, Jr.  
B.S. in Eng. 1945, United States  
Naval Academy  
Edward Moses Kosharian

D.C. Clarence Elliot Kuldell  
Va. Kenneth Arvi Leikari  
N.J. Winfield Warren Loose  
Ill. Edward Henry Pendergast, Jr.  
Md. James Stuart Petrolino  
Conn. William Claude Pickler, Jr.  
N.Y. Nick John Sekas  
Md. Herman I. Shaller  
Va. A.B. 1941, Brooklyn College  
D.C. Daniel Francis Shimkus  
Md. William Slack  
Ind. Frank Evans Williams, Jr.  
Md. Charles Franklin Wimbrow  
James Aubrey Wong  
Frank Rudolph Yeide, Jr.

D.C.  
N.J.  
Pa.  
D.C.  
N.Y.  
D.C.  
D.C.  
N.Y.  
Mass.  
D.C.  
D.C.  
Va.  
D.C.  
Pa.

Iran

## BACHELOR OF SCIENCE IN ENGINEERING

NOVEMBER 11, 1950

Herbert Lowell Eaker	Va.	James Coombs Johnson	Va.
Edward Weathers Hill, Jr.	D.C.	John Kinsey McCulloch	Ohio
Harry Elmer Irwin	D.C.	Robert Tracy Shea	Va.
Joseph Ralph Johler	Md.		
A.B. 1941, American University			

FEBRUARY 22, 1951

Seymour Marvin Miller	N.Y.	Albert Gleaves Van Metre	W.Va.
-----------------------	------	--------------------------	-------

MAY 30, 1951

Everett Crispin Alexis	D.C.	David Kay Jenkins	D.C.
Richard King Balinger	Va.	Edward Lewis McGandy	Md.
Henry Ferdinand Burton	Conn.	Jack Hughey Schofield	W.Va.
Woodward G. Eicke, Jr.	D.C.	John Dwight Weeks	D.C.
George Frank Hess	D.C.	John Kenneth Wilkinson	D.C.

## THE SCHOOL OF PHARMACY

## BACHELOR OF SCIENCE IN PHARMACY

NOVEMBER 11, 1950

Albert Fortunato Dallachiesa	Va.	Paul Samuel Greenstein	D.C.
------------------------------	-----	------------------------	------

MAY 30, 1951

Philip Bell	D.C.	John William Kipps	Va.
Teddy Bialek	Md.	Howard Kouzel	D.C.
Albert Stanley Bilaki	Pa.	Anne Lebowitz	Md.
Thomas Cameron Brown	Md.	Francis Theodore Lemons	Va.
Jack Robert Chocola	Va.	James Ray Lipkey	Fla.
(With distinction)		Edward Andrew Mangold	Pa.
B.S. 1948, West Virginia University		Ph.G. 1954, Pennsylvania College of	
Bernard Francis Citrenbaum	D.C.	Pharmacy and Science	
Albert Morris DuGoff	D.C.	Walter Wallace Miller	Pa.
(Special honors in Pharmacy)		Francis Joseph Mulhall, Jr.	D.C.
Henry Joseph Gagnon, Jr.	D.C.	Sol Neidorf	D.C.
Manny Ginsburg	D.C.	Louis N. Nobel	D.C.
Bertram Greenberg	D.C.	Richard Dale Parker	Md.
Louis Greenspan	Va.	Nancy Lee Shearer	Md.
(Special honors in Pharmacy)		Philip Clifford Steck	W.Va.
A.B. 1941, New York State College		Richard Reed Tittle	D.C.
for Teachers, Albany		Dominic Joseph Vicino	D.C.
Richard Green Gullick	Va.	Earl Edward Virta, Jr.	Va.
Lyndon Jay Gump	Md.	(Special honors in Pharmacy)	
William Rust Hodge	D.C.	James Russell Weitzel	Md.
James Absalom Jones	Md.	(Special honors in Pharmacy)	
(Special honors in Pharmacy)			

## THE SCHOOL OF EDUCATION

## BACHELOR OF ARTS IN EDUCATION

NOVEMBER 11, 1950

Janet Reba Bender	Va.	Mary Jo Iuso	N.J.
(With distinction)		Nathan Kudatsky	D.C.
Frank Albert Caffisch, Jr.	Wis.	Joseph Bernard Reid	D.C.
Ether Peter Demas	D.C.	Eric Foster Rhodes	Md.
Virginia Mason Gardner	Va.	(Special honors in Education)	
Helen Mandelowitz Hausman	D.C.	Clare Ann Stieg	Va.
Elfrida Grace Haynes	Iowa	Elizabeth Marceron Weitzel	Va.

## MAY 30, 1951

Ralph Berry Bennett  
Grace Lady Brearley  
Charles Warren Bruce  
Emily Josephine Bueg  
George Donald Cain  
Clarence Prowell Drayer  
Alfred Mario D'Urso  
Aaron Elliott Freeman  
Edna Stutler Grubb  
Violet Davis Grubbs  
Mignonette Eulalie Harrison

D.C. Charles Joseph Jerome  
D.C. Evelyn Irons Lynn  
Mass. Robert Mangold  
N.Y. Rupert Francis Mouré  
Md. Helen Vera Price  
D.C. Jennie Boyer Shellard  
Mass. Dorothea Glennie Shepherd  
Va. Harvey Andrew Shipman  
W. Va. Elsie G. Stephen  
Va. Donald Latham Wyckoff  
D.C. Harriet Rypins Yarmolinsky

N.Y.  
Va.  
D.C.  
Md.  
Md.  
Va.  
Mass.  
Ill.  
N.Y.  
D.C.

## BACHELOR OF SCIENCE IN HOME ECONOMICS

## NOVEMBER 11, 1950

Alberta Anne West

Pa.

## FEBRUARY 22, 1951

Marian Elaine Burke

D.C.

## MAY 30, 1951

Nancy Anderson  
Augusta Maude Coates  
Ann Francis Hellman

D.C. Betty Ann Lohr  
Md. Wilda Pérez Smith  
Md. Nancy Davis Stamey

D.C.  
Va.  
Pa.

## BACHELOR OF SCIENCE IN PHYSICAL EDUCATION

## NOVEMBER 11, 1950

Stanley Burak  
Franklin John Close  
William Dodge Havens, Jr.  
Mortimer Foster Irwin

Pa. Nicholas Vincent Prencipe  
N.J. Walter Benedict Savage  
D.C. Genevieve Lois Sonnier  
D.C. George Walley, Jr.

D.C.  
N.J.  
D.C.  
W. Va.

## FEBRUARY 22, 1951

Frederick Fowler Adams  
Louis Benjamin DeAngelis  
James Joseph Feula  
Charles Anthony Gunner

D.C. Charles Clifford Jones  
N.Y. James Edward Lorenz  
N.J. Walter Whitman Mathieson, Jr.  
N.J. Raymond Lee Tolson

Okla.  
Ill.  
D.C.  
Va.

## MAY 30, 1951

Peter Paul Cordelli  
Russell Whitfield Creekmore, Jr.  
Tolbet William Dredge  
Edward Harrison Green  
Angelo John Iandolo  
James Frederick Kline  
Robert George Lesser

Pa. David Daniel Marowitz  
Va. Ann Elizabeth Nolte  
Idaho Hildegard Stiering  
D.C. Mary Charlotte Strain  
N.Y. Albert Lacy Thompson, Jr.  
D.C. Earl Williams, Jr.  
Mass.

N.M.  
D.C.  
Va.  
D.C.  
Ill.

## MASTER OF ARTS IN EDUCATION

## NOVEMBER 11, 1950

Benjamin White Allnutt  
A.B. 1941, Western Maryland College  
Nell English Angel  
B.S. 1941, Appalachian State Teachers  
College  
Mary Jane Barbour  
A.B. 1949, The George Washington  
University  
Josephine Ann Berkey  
A.B. 1941, Indiana University  
Ruth Cox Bishop  
A.B. 1947, Davis and Elkins College

Md. Elena Josefina Catalan  
A.B. 1942, Dunbarton College  
N.C. Delores Hastings Cavallo  
A.B. 1947, The George Washington  
University  
Va. Eldon Washington Christopher  
B.S. 1946, College of William and  
Mary  
Ind. Frances May Crum  
W. Va. A.B. 1940, Morehead State Teachers  
College

p.c.

p.c.

Va.

Va.



Elizabeth Victoria Dalton B.S. in Ed. 1942, Madison College	Va.	Frederick Michael Novak A.B. 1933, Shepherd College	N.Y.
Walter James Dowling II A.B. in Ed. 1937, New York State Teachers College, Oswego	Va.	Thelma Abramson Olshaker B.S. in Ed. 1947, Wilson Teachers College	D.C.
Rajwant Kaur Grewal A.B. 1950, The George Washington University	India	Frederick Franklin Otto A.B. in Ed. 1948, Shepherd College	Md.
Barry Grogan A.B. 1948, The George Washington University	Va.	Ruth Virginia Ponton B.S. 1937, Longwood College	Va.
Daniel Lyle Johnson A.B. 1949, Shepherd College	W Va.	Mary Ruth Rapp B.S. 1934, University of Indiana	Ohio
Elizabeth Claudia Kelly B.S. in Ed. 1941, Pennsylvania State Teachers College, Indiana	Md.	Susan Virginia Richmond A.B. 1917, Randolph-Macon Women's College	D.C.
Alfred Joseph Larkin B.S. 1927, Colgate University	Va.	Heyward Bradford Roberts B.S. 1924, United States Military Academy	Tenn.
Consuelo Pablo Ledesma B.S. in Ed. 1948, University of the Philippines	Philippines	Chester Scott Rockwell A.B. 1947, Shepherd College	Va.
Mildred Foster Lucas A.B. 1948, The George Washington University	Va.	Charles Edward Sanner, Jr. A.B. 1947, University of California	Va.
Hazel McClure Luedeman A.B. 1926, University of Kansas	Va.	Dana Orlando Schrupp B.S. 1948, Montana State College	Mont.
Ralph Joseph Matera B.S. 1949, The George Washington University	D.C.	Ruth Dillon Schulte A.B. 1941, University of North Carolina	Va.
Christine Haines Miller B.S. 1941, Middle Tennessee State College	Md.	Erma May Sobolewski A.B. 1935, Missouri Valley College	D.C.
Mike Mouchlovich B.S. in P.E. 1947, The George Washington University	Va.	Charlotte Teed A.B. 1928, University of Michigan	D.C.
John Israel Monn B.S. in Ed. 1941, Pennsylvania State Teachers College, Shippensburg	Pa.	B.S. in Ed. 1934, Wilson Teachers College	Va.
Adda Mae Myers B.S. in Ed. 1949, Pennsylvania State Teachers College, Bloomsburg	Pa.	Evelyn Lee Thompson B.S. 1941, Southeast Missouri Teachers College	Conn.
David Nolen B.S. 1948, Pennsylvania State Teachers College, Kittstown	D.C.	Max Edward Topp A.B. 1944, University of Pennsylvania	Maine
Alma Rollins Noble B.S. 1945, Wilson Teachers College	D.C.	Carolyn Ladda Waugh A.B. 1949, The George Washington University	Va.
		Howard Seal White B.S. 1949, Wilson Teachers College	Pa.
		Arnold Benjamin Woehlke B.S. in Ed. 1949, Southeast Missouri State Teachers College	

## FEBRUARY 22, 1951

Rosalie Celeste Corrado A.B. 1947, American University	Md.	Jamie Lucille Pettikrew A.B. in Ed. 1947, The George Washington University	Ark.
Rita Marie Donovan B.S. in Ed. 1942, Pennsylvania State Teachers College, California	Pa.	Roland Theodore Putnam B.S. 1928, Allegheny College	Pa.
Annette Haworth Foley B.S. in Ed. 1948, Wilson Teachers College	D.C.	Grace Mahon Rinker A.B. 1942, Ohio State University	Va.
Alfred Garrett Henebry A.B. in Ed. 1949, The George Washington University	Conn.	Carl Arthur Trezise A.B. 1942, University of Michigan	Mich.
Albert Leon Pelmoter A.B. 1949, University of Pennsylvania	Pa.	Glen Edward Wagner B.S. in Ed. 1947, Pennsylvania State Teachers College, West Chester	Pa.

## MAY 30, 1951

Maxie Mauk Arnett A.B. in Ed. 1945, Morehead State Teachers College	Va.	Mildred Knight Buttermore A.B. 1939, Texas Christian Uni- versity	Tex.
Annette C. Baker B.S. in Ed. 1940, New York State Teachers College	D.C.	Ruth Judith Chase A.B. 1935, The George Washington University	Md.
Annabel Lombard Barrett A.B. 1927, Barnard College	D.C.	Virginia Baxter Dougherty A.B. 1935, Texas State College for Women	Va.

Paul Albert Fitzgerald	N.Y.	Reynold Charles Menecey, Jr.	Va.
B.S. 1935, LL.B. 1938, St. John's University		B.S. 1949, Pennsylvania State College	
Caleb Hoffer Frantz	Pa.	James Carl Messersmith	Mo.
B.S. in Ed. 1941, Manchester College		A.B. 1943, University of Missouri	N.Y.
Gertrude Soule Gantz	Md.	Stanley Metalitz	
A.B. 1935, Yankton College		A.B. 1939, College of the City of New York	D.C.
Mary Graf Gibbons	N.Y.	Gordon Alexander Patterson	
A.B. 1940, Allegheny College		B.S. 1919, United States Naval Academy	Va.
Alexander Morey Gottesman	Va.	Glenn Clair Piper	
B.S. 1950, The George Washington University		B.S. 1950, Pennsylvania State College	Miss.
William John Grover	Md.	Annie Laurie Rankin	
B.S. 1938, Pennsylvania State College		A.B. 1944, Hollins College	Va.
Harry Denis Hoover	Va.	Patricia Howard Richardson	
B.S. 1934, Madison College		B.S. 1942, University of Missouri	D.C.
Joan Margaret Howell	Oreg.	William Kenneth Rudewick	
B.S. 1947, Oregon State College		B.S. in Ed. 1948, State Teachers College, Millersville, Pa.	D.C.
James Pierce Hulley	Pa.	James Burton Saylor	
B.S. 1924, United States Military Academy		A.B. 1949, The George Washington University	D.C.
Laura Joan Kasprizyk	N.J.	William Seganish	
A.B. 1949, The George Washington University		B.S. 1943, Wilson Teachers College	W.Va.
Boris Nicholas Mandrovsky	N.Y.	George Washington Whitehair	
B.S. 1940, College of the City of New York		A.B. 1930, University of West Virginia	Va.
Jewell McFarland	Ariz.	F. Agnes Yeager	
A.B. 1950, University of Arizona		A.B. 1939, University of California	

## DOCTOR OF EDUCATION

NOVEMBER 11, 1950

Ralph F. W. Brimley	N.C.	Ralph Calvin Geigle	Pa.
B.S. 1928, North Carolina State College		A.B. 1935, Susquehanna University	
A.M. 1940, University of North Carolina		A.M. 1940, Columbia University	
Dissertation: "The Management of Elementary Schools"		Dissertation: "The Relative Efforts of the States to Support Public Education"	

## SCHOOL OF GOVERNMENT

## BACHELOR OF ARTS IN GOVERNMENT

NOVEMBER 11, 1950

Alfred Robert Alldridge	Pa.	Neil Daniel	D.C.
John Michael Asha	D.C.	Harry Frances Darr	D.C.
Frank William Bauers, Jr.	Tex.	B.S. in Ed. 1948, Wilson Teachers College	D.C.
Michael Bellardo	N.Y.	Kenneth Lee Davis	D.C.
Robert Martin Berish	Pa.	Harold John Deering	N.J.
Aaron A. Baker	D.C.	Allyn Capron Donaldson, Jr.	Pa.
Gene Guy Bloomingburg	Va.	Jerome Joseph Dulcie	N.D.
Harold M. Brecht	Okl.	James Thomas Duncan	
Edmund Joseph Brzozowski	N.J.	Edwin Walter Elliott	Wis.
William Coles Buckner	Mo.	Alice Olga Finstad	Mich.
Clude Ellis Bunting	D.C.	A.B. 1947, Montana State University	
William Olin Carpenter	Ky.	Richard Konrad Fliss	
Salvino Francis Carpino	Mass.	John Arthur Gamache	Ga.
Peter Chakeres	D.C.	(With distinction)	D.C.
Richard Leo Ch. Hemi	N.Y.	William Marvin Gheesling	N.Y.
Rita Gertrude Cloutier	D.C.	Judah Greensaid	N.Y.
Raymond Louis Cogswell	D.C.	Willard Earl Griffin	N.C.
Bernard Cohen	D.C.	Wilbert George Haase	Va.
Rosa Naomi Cohen	D.C.	Charles William Hackney, Jr.	
Joseph William Cookson	Kans.	Lyman Griffith Hailey	
John Robert Curtis, Jr.	Tex.		

William Kump Harbold	N.J.	Aurelian Ernest Roughton, Jr.	Va.
Thomas James Hartford	D.C.	(With distinction)	
Herbert Kay Hensley	Tex.	Melvin L. Russell	Kans.
Joseph Russell Heuzel	Mo.	William Fred Russell	Md.
Elizabeth Marie Herndon	Md.	Edward Thomas Ryan, Jr.	R.I.
Thomas Burbidge Hull, Jr.	Md.	Howard Fawen Sadar	Md.
Conrad Richard Hoffman	N.Y.	William Howard Scheckel	Md.
John Lewis Holloway	Md.	Benjamin Bayard Shields	Fla.
John Behr Hunter	W.Va.	Joseph Simpson	Calif.
Albert Carmie Jeffries, Jr.	D.C.	James Mitchell Smith	D.C.
Harry Lee Jones, Jr.	Mo.	Jennings Talbot Smith	D.C.
Robert Howard Jones	Va.	William Harry Squire	Pa.
Edward William Knowles	Mass.	Arthur Brown Thompson, Jr.	Pa.
Montgomery Joseph Krakow	Va.	Ruby Bonita Tinsler	D.C.
Arthur Mathias Kuhl	Mont.	Vernon Richard Todd	Md.
Philip Levin	Md.	(With distinction)	
Victor Frank Robert Liesener	Wis.	Richard Campbell Tverell	N.Y.
William Walker Lynch	Va.	Guy Everett Van Rookwck	Va.
Margaret A. Marcovano	N.Y.	George Arthur Van Staden	N.Y.
Nicholas Michael Mauriello	N.J.	Gerald Anthony Villella	Ohio
Donald Deon McDonald	D.C.	Benjamin Wellington	N.Y.
Thomas Patrick McKeown	N.Y.	Willard Williams	Va.
Lewis Barnet Miller	Va.	William Burton Williams	Mech.
Donald Marshall Myrick	N.Y.	John Fred Wood	N.C.
(With distinction)		Warren Montee York, Jr.	D.C.
Marcus Orlando Owens, Jr.	Tex.	Edward Everett Young, Jr.	D.C.
Jack Milton Pickett	Va.	Wilbur Hughes Youngman, Jr.	Calif.
Andres Rivera	Puerto Rico	Culver Fearn Zimmer	D.C.
William Hicks Ross	D.C.		

## FEBRUARY 22, 1951

Edmond John Antoun	N.Y.	Irvine Markowitz	N.J.
Paul Jerome Barton	Pa.	LL.B. 1949, The George Washington	
Claude Arnold Barrow	N.C.	University	
Eugene Joshua Becker	N.Y.	Robert Henry Martin	Pa.
Robert Laster Bennett	Miss.	Ralph James Merlino	N.J.
(With distinction)		Haugh Franklin Meyers	D.C.
Wilbur Earle Benson	D.C.	Louis Bertram Monsheimer	Va.
Samuel Morris Betzer	Pa.	Eugene Milton Moore	Ala.
(With distinction)		Donald Claverly Morales	Md.
Paul Thomas Botticelli	N.Y.	Howard Irwin Morrison	N.Y.
Francis Gifford Briggs	Md.	Henry Lee Mosier	D.C.
Francis Michael Carlostro	N.Y.	Edward James Noonan	N.Y.
John Francis Callahan	N.Y.	John Thomas Noonan	N.J.
Charles William Chapman	Va.	Charles Lewis North	Okla.
Harry Clinton Clay, Sr.	W.Va.	James Samuel Novey	Va.
William Franklin Craig	Va.	Richard Leon O'Connor	Calif.
John R. Cline Crisp, Jr.	Ga.	William Russell Opp	Tex.
Bryce Quentin Curry	Ala.	David Edward Paisell	Md.
Richard Arthur Dewey	D.C.	Norman Edward Persson	Md.
Jack Kenneth Diamond	D.C.	Vinton Perle	D.C.
Robert Carl DeLoach, Jr.	Va.	Donald Richard Poch	Va.
Jeffrey Rusher Dinsden-Crockett	D.C.	Holbrook Lewis Potter	D.C.
Edward Peter Donoh	D.C.	Christopher James Ray	D.C.
Frederick Eileen Eason	N.Y.	Ralph Julian Richards, Jr.	Del.
William Perkins Ebersole	D.C.	Donald Currie Rosenthal	Okla.
Thomas Stephen Finkbe	Ala.	Clarence Lee Saxe, Jr.	D.C.
Ronald Harvey Gemmell	Pa.	Robert Joseph Schoen	Md.
Philip Myer Gnat	Calif.	Lawrence Paul Stale	Va.
Andrew Francis Gordon	Calif.	Richard Paul Stephens	Md.
Leon Charles Hayden	N.Y.	Charles William Smith	N.Y.
John William Hennessy	D.C.	Merle M. Lippell Storer	Pa.
Georgio Leone Hurst	Conn.	Barnett Levinger Street	D.C.
Albie Joseph Jarvis	Mo.	Frances Herndon Supper	Iowa
Clayton Alvin Jones	Mass.	B.S. 1941, University of Iowa	
Robert Frank Jones	D.C.	William Bates Thomas	Va.
Carl Emerson Jonson	N.J.	Lawrence Josephine Thompson	D.C.
Herman Peter Kroy	Va.	Philip Adams Thompson	Va.
Edwin Anthony Laurence	N.I.	Charles Louis Tancette	Okla.
Jerome Raymond Leichter	Pa.	Claude Robert Villa	Pa.
William Herbert Lewis	N.J.	Russell Louis Walker	Va.
Robert O. Link	Va.	Rae Thornton Winterel	D.C.
Ralph Whitley Malone, Jr.	Md.	Thomas R. Jacobson Williams	D.C.
		William Adams Yost	D.C.



## MAY 30, 1951

Alton George Adams	Md.	Philip Harold Klepak	Fla.
Raymond Harold Adler	N.Y.	(With distinction)	Pa.
Sterling Hartwell Albert, Jr.	Va.	Ralph Henry Kline	Md.
Arthur George Arce	N.J.	Denis Frederick Kolb	D.C.
Joan Hyatt Bagshaw	Fla.	Allen Atlas Koplin	D.C.
William Benton Bair	Pa.	John Krizay	Md.
Nicholas John Balish	Va.	Robert Lyman Lambert	Va.
Jacob Weller Bayer	Mo.	Robert E. Lancaster, Jr.	Calif.
Kenneth Herbert Beach	Ohio	Robert Samuel Landsman	N.C.
Samuel Timothy Beacham, Jr.	D.C.	Charles Theodore Laurie	Iowa
Joseph Agula Becker	D.C.	Charles Walton Leslie, Jr.	N.Y.
Bernard Nelson Berger	D.C.	Marion Cox Lichty	D.C.
John Thomas Berner	Md.	Thaddeus Alphonse Lindner	D.C.
Arland Norwood Berry	Md.	Gordon Kendal Livingston	
Seymour Berry	N.Y.	Richard Herbert Lohman	D.C.
Walter Aloysius Borkowski	N.J.	(With distinction)	N.J.
Melvin Luther Brennehan	Md.	Edgar H. MacArthur	Va.
James Robert Brown	Md.	Frank Martins	Idaho
Morris Brown	N.J.	Matthew Bernard McKeon	S.D.
Henry Richard Budz	Mass.	Edward Douglas Meigs	Tenn.
Edward Joseph Burns, Jr.	D.C.	Beverly Anne Meyers	Idaho
Frank Carabas	N.Y.	Doyle Nate Miller	D.C.
Charles George Christovich	Pa.	Frank Donald Moore	N.Y.
Stanley Martin Christovich	Pa.	Elmer Bruno Neenan	Tenn.
Charles Bennett Clement	Ill.	David Norman Nurco	Ga.
Nancy Lou Cochran	D.C.	Herbert Wills Oglesby	Md.
Thomas B. Crigler, Jr.	Va.	John Edward Patterson	Pa.
John Lawrence Curley	N.J.	Francis Cornelison Pettus	Va.
Robert Murry Dean	Mo.	Courtland Stanley Randall	D.C.
Bernice Marie Deutrich	Wis.	Harold Allison Reifsnnyder	Md.
Joseph Augustine Dulkie	Mass.	Carolyn Jane Reynolds	D.C.
John Collum Einbinder	Va.	Edwin Eugene Riggs, Jr.	Md.
Willett Elmore, Jr.	D.C.	Ben Lomond Roberts	D.C.
Itha Henrietta Ferree	Pa.	Floyd LaVerno Robertson	
Joseph Stephen Filippone	N.Y.	A.B. 1938, Arizona State Teachers College	Mass.
George Ruddell Fitzpatrick	Pa.	William N. Rydholm	Va.
Virginia Gilliss Ford	N.J.	Donald Earl Sanders	Md.
Frank James Fosham	Md.	Barbara Anne Smith	D.C.
Mary Ann Jeannette Foreman	Va.	Herbert Willard Smith	Va.
Allan Williams Gates	Conn.	James Oscar Smith	Va.
Evelyn Gifford Gentner	D.C.	Stephen Hall Stephenson	D.C.
Demosthenes James Germas	Va.	William Leonard Surg	Md.
Charles Herbert Goldberg	D.C.	Leonard Murray Tauber	N.Y.
Roy Lee Grover	Utah	Emerson Scott Tilley	Md.
Harold Mathews Hart, Jr.	Ill.	Rosario Charles Trentacosti	D.C.
Raymond Howard Hartzell	Md.	Robert Augustus Tron, Jr.	N.J.
Carmelo John Infosino	N.J.	Robert Wilbourn	Va.
Frank Tracy Johnson	Md.	Herman Joseph Ziegler	
Richard Charles Johnston	Va.	Harry Chalfant Zimmerman	
Daniel George Kantrowitz	D.C.	(With distinction)	
James Joseph Kennedy	D.C.		

## MASTER OF ARTS IN GOVERNMENT

## NOVEMBER 11, 1950

Carl Edward Auvil	W.Va.	Thomas Power Dillon	Md.
A.B. 1938, Berea College		B.S. 1939, University of Pittsburgh	Va.
William Clinton Baker	D.C.	Edward A. Dover	Pa.
A.B. 1949, The George Washington University		B.S. 1940, Michigan State Normal College	
Mary Josephine Behane	Pa.	Alexander Wayne Gordon, Jr.	Va.
A.B. 1922, Seton Hill College		A.B. 1949, Allegheny College	
James Leonard Buckler	Va.	Gordon B. Grimwood	N.D.
A.B. 1944, The George Washington University		A.B. 1948, The George Washington University	
William Robert Buettner	N.Y.	Robert Adolph Kays	
A.B. 1940, Dartmouth College		A.B. 1948, The George Washington University	
Richard Paul Condelario	Nebr.		
B.S. 1937, University of Kansas			

# Degrees Conferred

399

Julia McEachin Lee A.B. 1940, Oglethorpe University A.M. in Ed. 1945, The George Washington University	D.C.	Leon Platto A.B. 1937, Brooklyn College	N.Y.
Robert Douglas-Martin B.S. in Ed. 1947, A.M. in Ed. 1949, East Carolina Teachers College	N.C.	Berneita Killinger Randall A.B. 1948, The George Washington University	Mich.
Zimond S. Michonski B.S. 1949, American International College	Conn.	Carl Preston Savage, Jr. A.B. 1948, University of Georgia	Ga.
Juell Rockford Ness A.B. 1949, The George Washington University	S.D.	Emanuel Joseph Sedlacek A.B. 1949, The George Washington University	Md.
Jack Newman B.S. 1939, College of the City of New York	D.C.	Walter J. Tatarsky A.B. 1949, The George Washington University	Pa.
Eugene Michael Picciano A.B. 1948, The George Washington University	D.C.	Sumner Waite A.B. 1911, University of Maine	D.C.
	D.C.	Elvin Winfred Walters B.S. 1949, Lebanon Valley College	Pa.
		Byron Kent Wilson A.B. 1946, Arkansas State Teachers College	Va.

## FEBRUARY 22, 1951

Hanford Meeker Edsall A.B. 1935, Washington University	Va.	John McAllister Lane B.C.E. 1947, The George Washington University	D.C.
Stephen Ambrose Hart, Jr. B.S. 1941, St. Ambrose College	Iowa	Emory Claude Morgan B.S. 1948, University of Southern California	Calif.
Herbert Malcolm Hutchinson A.B. 1948, Duke University	N.J.	James Dennis Spirides A.B. 1949, The George Washington University	Fla.
Harold Henry Kay A.B. 1950, The George Washington University	Va.	Francis John Sullivan B.S. 1942, University of Pittsburgh	Md.
John Willis Kizler B.S. 1949, Northwestern University	Tex.	Edison Vladimiro Zavala A.B. 1940, National School of Commerce, Paraguay	Paraguay
Byrnie Choli Koh A.B. 1950, Willamette University	Korea		

## MAY 30, 1951

Robert Percival Alexander A.B. 1930, University of Alberta	D.C.	Melchor Burns Newcomer B.S. 1950, Manchester College	Va.
Robert Darrell Banker A.B. in Govt. 1949, The George Washington University	Calif.	Margaret Anne Parmeter A.B. 1940, The George Washington University	Minn.
Carl William Clewlow A.B. in Govt. 1948, The George Washington University	Va.	Phyllis Arnett Patterson A.B. in Govt. 1950, The George Washington University	N.J.
Edward Nicholas Duplinsky A.B. 1940, The George Washington University	Conn.	Armand Edmond Renier B.S. 1948, Georgetown University	Va.
Edward Theodore Ewan B.S. 1947, Southwest Missouri State College	Va.	Norman Julian Robinson A.B. 1941, University of California	Calif.
Jeannette Mary Fitzwilliams A.B. 1934, Vassar College	D.C.	Ruth Ross A.B. 1946, The George Washington University	N.J.
William Eugene Hanna, Jr. A.B. 1947, Bradley University	Ill.	Charles Flavius Spencer A.B. 1944, University of South Carolina	S.C.
John Henry Heck A.B. 1941, Pennsylvania State College	Pa.	Calvin C. Spillsbury A.B. 1943, The George Washington University	Utah
Malcolm Lawrence A.B. 1948, The George Washington University	Md.	John Elmore Swenton B.S. 1940, University of Utah	Utah
John Edward Mellor A.B. 1942, The George Washington University	Va.	Carlos Urrutia Aparicio A.B. 1949, University of Dayton	Guatemala
Delbert Massey Minner A.B. 1935, University of Delaware	Md.	Douglas Price Weaver A.B. 1949, The George Washington University	Iowa

## THE GRADUATE COUNCIL

## DOCTOR OF PHILOSOPHY

NOVEMBER 11, 1950

- Leo Robert Goldbaum  
B.S. 1934, Brooklyn College  
M.S. 1938, New York University  
Dissertation: "Studies on the Binding of Barbiturates to Proteins and Its Possible Relation to Their Disposition and Action in Animals"
- James Thomas Hicks  
B.S. 1945, A.B., M.S. 1946, University of Pittsburgh  
Dissertation: "The Relationship of Skeletal Muscle Tone to Carotid Blood Pressure"
- Merriam Arthur Jones  
A.B. 1933, University of North Dakota  
Dissertation: "An Investigation of the Reaction of Nitrosyl Chloride with 1- and 2-Pentene"

- D.C. William Elias Poel  
A.B. 1937, Brooklyn College  
Dissertation: "Physiologic Effects of the Tumor Necrotizing Bacterial Polysaccharide of Shear"
- Eugene Worthington Rice  
B.S. 1942, West Virginia University  
M.S. 1948, The George Washington University  
Dissertation: "The Study of the Metabolism of D (-) Arabinose in the Rabbit"

FEBRUARY 22, 1951

- Benjamin Williams Smith  
B.S. 1940, Virginia Polytechnic Institute  
M.S. 1947, The George Washington University  
Dissertation: "The Effect of Diet Upon the Concentration of  $\alpha$ -Amylase in the Urine and Tissues of Animals"

MAY 30, 1951

- Donald Gibson Badger  
A.B. 1937, University of Adelaide  
Dissertation: "The Balance of Payments: a Tool of Economic Analysis"
- Anne Rosaleen Bourke  
B.S. 1937, University of Maryland  
M.S. 1949, The George Washington University  
Dissertation: "Studies on the Reversal of Chemically Induced Inhibition of Bacterial Virus Growth"
- Charlotte Moorar Damron  
A.B. 1940, Wellesley College  
M.S. 1942, Rutgers University  
Dissertation: "Studies of the Metabolism of Ascorbic Acid, Dehydroascorbic Acid, and Diketogulonic Acid in the Guinea Pig"
- Walter William Jacobs  
B.S. 1934, College of the City of New York  
A.M. 1940, The George Washington University  
Dissertation: "Random Matrices"

- Margaret Georgia Kelly  
B.S. 1941, M.S. 1945, The George Washington University  
Dissertation: "Pharmacological Actions and Physiological Disposition of Picrophyllotoxin and Picrodophyllin"
- Andrew W. Monlux  
D.V.M. 1942, M.S. 1947, Iowa State College  
Dissertation: "The Histopathology of Nephritis of the Dog"
- Jean Kelly Nielsen  
B.S. 1939, A.M. 1943, The George Washington University  
Dissertation: "The Stability of Dihydrostreptomycin Sulfate"
- Goeffrey Dean Leroy Woodard  
B.S. 1930, The George Washington University  
Dissertation: "The Toxicity Mechanism of Action, and Metabolism of Hydroquinone"



## RECIPIENTS OF AWARDS

### SCHOLARSHIPS

1950-51

- The Byron Andrews Scholarship:* Diane Carolyn Farrell  
*The Anna Bartsch Scholarship:* Doris Katherine Martens  
*The Emma K. Carr Scholarships:* Stanley Morris Bialek, Ntinos Cleovoulou Myrianthopoulos, Guy Harold Robinson, Jr., Gerald LeRoy Watson, Irvin Yalom  
*The Henry Harding Carter Scholarship:* Joseph Alfonso Barrasso  
*The Maria M. Carter Scholarship:* Donald Ray Morgan  
*The Isaac Davis Scholarship:* Dorothy Anne Weld  
*The Charles Worthington Dorsey Memorial Scholarship:* Sheldon Stanley Cohen  
*The Robert Farnham Scholarship:* Dorothy Anne Weld  
*The Anna Spicker Scholarship:* Betty Rosendorf Roberts  
*The Hazelton Scholarship:* Betty Lucille Russell  
*The Elma Lewis Harvey Scholarship:* Claudia Beechum Chapline  
*The High School Scholarships:* Brigitte Klara Buchmann, Margaret Anne Beller, Carolyn Josephine Cunningham, Donald Scaife Detwiler, Thomas Albert Farley, Milica Jelizaveta Hasalova, Carolyn Kistler, Linda Loehler, Robert Allan Mackie, Harold Mesirow, Henry Renz III, Maxine Saurel, Walter Schropshire, Jr., Ellen Sincoff, Jere Bart Stern, Ann Sweeney, Beverley Ellen Teeter, Frederick Burdett Warder, Jr., Nell Weaver, Charles Adams White  
*The High School Discussion Conference Scholarship:* Eleanor Louise Edlow, Lee Euster, Gerald Lynch  
*The Law School Scholarships:* Edna Anne Asper, Ernest Henry Land, John Prewett Hurd  
*The A. Morehouse Scholarship:* Dale Eugene Burrington  
*The National League of Masonic Clubs Scholarship:* George Walton Buckmaster  
*The Newspaper Scholarships:*  
*The Evening Star:* William Francis Fuchs, Morton Kisseleff  
*The Washington News:* Henry Fred Fankhauser, Walter Scott Wingo  
*The Washington Post:* Petra Maria Gorbea, John Wiggins  
*The Paul Pearson Scholarship:* Bruce Caddell  
*The Julia M. Shepard Scholarship:* Elizabeth Josephine Harper  
*The David Spencer Scholarship:* Patricia Anne Saunders  
*The Mary Lowell Stone Scholarship:* Dorothy Lee  
*The Student Activities Scholarships:* Ray Adler Robert Allwine, Jerry Angel, Russell Edward Bailey, Urbino Joseph Barreira, Jack Edward Baumgartner, Kenneth Belliveau, Carl Bodulas, Thomas Constantinas Bosmans, Richard Boyce, Charles Butler, Arthur Joseph Cerra, Louis Ciarrocca, Robert Frank Ciento, Voris Conrad, Frank Edward Continetti, Peter Paul Cordelli, Andrew Nathan Davis, Jr., Norman Drake, Clarence Prowell Drayer, Talbot William Dredge, Albert Morris DuGoff, Robert Lawrence Edenbaum, James England, James Joseph Feula, Thomas Steven Flyzik, William Raymond Fox, Henry Waldo Goglin, Robert Goodwin, Charles Anthony Gunner, Robert Gutt, Kenneth Hirschfield, Richard Holland, John Holup, Edmund Crump Hughes, Daniel Huntz, William Valentine, James Charles Jones, Karl Karmilowicz, Fotis Nickolas Karousastos, Elliott Karver, Joseph Gerard Kennelly, Kenneth Jay Kern, James Frederick Kline, Aredis Kojoyian, Steven Korcheck, Francis

Kutney, Robert Marrero, Joseph Robert Masciarelli, Fred Matani, Paul McGowan, John McLindon, Jr., William Neal, Michael Nolan, Thomas O'Keefe, Robert Leslie Parkinson, Robert Pearson, Seymour Plawsky, John Prach, Thomas Hooper Rielly, Donald Ring, Leonard Rollman, Frederick Samuelson, Kenneth Robert Samuelson, Walter Benedict Savage, George Semkew, George Fleming Sengstack, John Michael Sestokas, Joseph James Shannon, William Miller Shaw, Alan Edward Sherr, David Hawley Shiver, John Albert Shullenbarger, Michael Anthony Sileo, Jr., Larry Silverman, Paul Stroup, William Leo Szanyi, Richard Tetlow, Jr., John Thomas Tivnan, Jr., G. Freid Vierbuchen, David Louis Waldron, James Hugh Waltrip, Wallace Warner, Jr., Lawrence White, Eugene Witkin, Jan Wojtowicz, Jr., John Joseph Yednock, John Zell

*The William Walker Scholarship:* Dale Eugene Burrington  
*The John Withington Scholarship:* Mignonette Eulalie Harrison  
*The Ellen Woodhull Scholarship:* Anne Mathilde Mattingly  
*The Xonta Scholarship:* Polly Teed Williams

## PRIZES

1950-51

*Alpha Chi Sigma Freshman Awards in Chemistry:* Thomas Albert Farley, Edward Monasterski, Elliot Goldberg  
*Alpha Chi Sigma Senior Award in Chemistry:* Marion Baker Glickman  
*Alpha Delta Pi Award in French:* Marilyn Jane Sandwick  
*Alpha Kappa Psi Award in Commerce:* Harry Chalfant Zimmerman  
*American Institute of Chemists Award in Chemistry:* Thomas Richard Munson  
*Byrne Thurtell Burns Memorial Award in Organic Chemistry:* Phillip Gary Abend  
*Martin L. Cannon Memorial Award in Pharmacy:* Barlow Jacob Wagman  
*Chi Omega Award in Social Sciences:* Emily Shacklett Shanklin  
*John Henry Cowles Awards in Government:* John Krizay, Phillip Harold Klepack  
*Dewitt Clinton Croissant Award for an essay on drama or the theatre:* Robert Charles Rainsbury  
*Isaac Davis Awards in Public Speaking:* Edward Loring Tottle, Joan Irene Haag, Guy Post Waddell  
*Delta Gamma Award to that woman member of the graduating class with the highest scholastic standing:* Edith Rita Venerky  
*Delta Zeta Award in Zoology:* George Fleming Sengstack  
*Ellsworth Award in Patent Law:* Alfred Hutchinson Plyer, Jr.  
*Elton Award in Greek:* Albert Lawrence Lloyd, Jr.  
*Jesse Frederick Essay Award to that student who has given promise of sound citizenship and ability in "forthright reporting" in student publication:* Louis Stockstill  
*Joshua Evans III Memorial Award to that man in the graduating class who has demonstrated his signal ability in the social and political sciences and who has given promise of the interpretation of that ability in good citizenship among his fellows:* Harold Mathews Hart, Jr.  
*Willie E. Fitch Award in Chemistry:* Thomas Richard Munson  
*Alice Douglas Goddard Award in American Literature:* Paul Ginsburg Sifton  
*Edward Carrington Goddard Award in French:* Joseph Louis Metivier, Jr.  
*James Douglas Goddard Award in Pharmacy:* Jack Robert Chocola  
*Morgan Richardson Goddard Award in Commerce:* Robert Laster Bennett



- Gardiner G. Hubbard Memorial Award in United States History:* Mary Hyatt Abbe
- Kappa Kappa Gamma Award in Botany:* Harold Mark Stedman
- John Bell Lerner Award to that member of the graduating class of the Law School with the highest scholastic standing:* Alexander Murray Hearn
- Mortar Board Award to the woman student in the sophomore class having a scholastic standing of B or higher and the most outstanding record in activities:* Nancy Ann McCoach
- Omicron Delta Kappa Award to that member of the Senior Class who, throughout his course, has done the most constructive work in student activities:* Richard Timothy Evans
- John Ordronaux Award to that member of the graduating class of the School of Medicine with the highest scholastic standing:* Eugene Debs Robin
- Phi Eta Sigma Award to the beginning male student attaining the highest scholastic average in his first full term of work:* Harold Esiah Mesirow
- Phi Sigma Kappa Award to the winner in a freshman oratorical contest:* James Arthur Robinson
- Pi Beta Phi Award to that member of the Senior Class who, throughout her course, has done the most to promote student activities:* Maxine Exer Sowards
- Psi Chi Awards in Psychology:* Margaret Snow Linebarger, Harold Lloyd Best
- Ruggles Award in Mathematics:* George William Shelly
- Sigma Kappa Award in Chemistry:* Thomas Albert Farley
- Staughton Award in Latin:* Ruth Elaine Dunlap
- James McBride Sterrett, Jr., Award in Physics:* Leon Joseph Schkolnick
- United Daughters of the Confederacy Award for an essay on the history of the Southern States:* Gilbert Gimble
- Alexander Wilbourn Weddell Award for an essay on World Peace:* Gordon Francis Harrison

# STUDENT ASSISTANTS

JUNE 1, 1950, TO JUNE 1, 1951

- Accounting:* Ronald McKenzie Alexander, Arland Norwood Berry, James William Boise, Carl Egerton Jonson, Charles Laurie, Timothy O'Leary, Robert Delos Presler
- Biology:* Martin Anderson, Edward Charles Connelly, Lila Ruth Diamant, Edward Engel, Miriam Glushakow Engel, Albert William Gannon, B.S., Marvin Irving Gottlieb, M.S., Stephen Cornwell Hopkins, Jr., Jeanne Louise Hopson, Morris Klein, William Everett Maloney, B.S., Anita Belle Sauvcur, Samuel Michael Schreiber, B.S., George Browning Spencer
- Botany:* Robert Jack Downs, A.B., Austin Ford, M.S., Walter Andrew Gentner, Edward Hachkaylo, M.S., John Gilbert Palmer, A.B., Roger Alan Scherff, A.B.
- Business Administration:* Wilbur Earle Benson, Edmund Brazowski, Lloyd Lee Fletcher, Carl Egerton Jonson, Thomas Patrick McKeown, A.B., Daniel Meyers, Robert Delos Presler, William Howard Scheckel, Herbert Willard Smith, Donald Axe Spiker
- Chemistry:* Marion Baker, Henry Andrew Droll, Don Stutler Harmer, Marvin Lewis Kramer, Benjamin Franklin Larrick, Robert Stephen Reitman, Myra Natalie Rosenthal
- Civil Engineering:* Eugene Alshuler, Richard William Dingler, Margaret Anne Faulds, Lawrence Schneider, B.S. in C.E., Patricia Shields, A.B., Virginia Anne Swanson
- Economics:* Oscar Roald Alvig, Mendelle Tourover Berenson, A.B., Victor Charles Campo, A.B., Miriam Isenman Frechtman, A.B., Clark Joel, A.B.,



*Education:* Edward George Heine, A.M.

*Electrical Engineering:* Dale Russel Davidson, Jeanne Marie Davis, Virgil Erwin Harris, Nelle Louise McClenathan

*English:* Mary Nute Craighill, A.B., Mary Jane Nelson, A.B.

*Geography:* Noeth Bolling Gillette, Alexander Gritz, A.B.

*History:* Elizabeth Trucks Cole, A.B., Dorothea Constance Fryer, A.B., Harry Bernard Glazer, A.B., Jilliam Hanbury, Richard Drum Hunt, A.M., Elaine Mildred Langerman, A.B., Thaddeus Alphonse Lindner, Carrington Belt McGraw, Jr., A.B., James Alexander Radomski, Ann Ratagick, A.B., Benjamin Martin Zook, A.B.

*Home Economics:* Helen Chandler

*Journalism:* Anne Mathilde Mattingly

*Mathematics:* Elizabeth Anne Sheppard Noyes

*Mechanical Engineering:* Nick John Sekas, David Jaw Wang, Frank Rudolph Yeide, Jr.

*Pharmacy:* Erwin Allen Bondareff, James Newton Dickson, Jr., Albert Morris DuGoff, Willard Edward Moore

*Philosophy:* Ann Maury Maupin, Werner Strupp, A.B., Herman Lynn Womack, A.B.

*Physics:* James Arthur Dyer, Franklin Milton Everett, A.B., Samuel Peter Favarella, Franklin Dean McLernon, James Augustine Richardson, William Donald Roberson, John Fisher Walton

*Physical Education for Men:* Ferdinand Sabastian Cardano, John Henry DeLabar, Angelo John Iandolo, Ralph Samuel Portwine, Katherine Louise Rowse, Walter Benedict Savage, Joseph James Shannon, Earl Williams, Jr.

*Political Science:* Robert Melvin Adams, A.B., Eugene Joshua Becker, A.B., Bernard Berger, Einar Bjorlo, Anne Baxley Carter, A.B., Charles Willard Clark, Samuel Cummings, A.B., Kurt De Witt, A.B., John Dwyer, LL.B., Edward Matthew Hayes, Jr., A.B., Thomas Hobbs, A.B., Eleanor Louise Hoffman, A.B., Donald Chauncey Morales, A.B., Kathryn Plugge, A.B., Charles Lee Saxe, Jr., A.B., Ernest Maurice Shalowitz, Eric Waldman

*Psychology:* Ralph Gordon Bradford, A.B., Mary Lee Brown, Kathryn Anne Burchard, A.B., Terry Campbell, Anna Elizabeth Corkum, John Eisele Davis, Jr., A.B., Edward Engel, George Edward Fry, Georgia Glenn, Mary Viola Hall, A.B., Eva Johnson, A.M., Edward Lewis, Jr., Margaret Snow Linebarger, A.B., Marguerite Mitchell, A.B., Byron David Roseman, Verna Emily Smith, Janet Wildman

*Sociology:* Joan Ruth Bacchus, Jessie Clara Boehlert, Sybil Phyllis Carof, Frances Wilhelm Shibley, Nancy Jane Waite

*Speech:* Gerald Lee Baker, Esther Stuart Bell, Robert Chase, Jr., Gloria Esme Green, Rita Ann Lear, Richard Arthur Norman, Virginia Orrison, Alan Reynard, Irma Selma Surowitz, Jeannette Kelly Williams

*Statistics:* William Frederick Griffin, Daniel Francis Kelly, Chester Hayden McCall, Jr., A.B., Hobart Whitten Merritt, Milton Allan Schwartz, B.S., Robert Henry Spitzer

*Zoology:* Charles Martin Aaronson, William Bondareff, Henry Stephen Brennan, B.S., Seymour Byer, Janet Audrey Daly, Elgin Adams Dunnington, Jr., A.B., George Marion Fanelli, Jr., B.S., Fred Isamu Kamemoto, B.S., Peter John Kyne, Charles Kingsley Levy, B.S., Robert Wendell Link, Barbara Elizabeth Mills, Rudolf Siegfried Scheltema, B.S., William Samuel Spector, Joseph Benjamin Yarbrough III

# STUDENTS REGISTERED

## IN THE GEORGE WASHINGTON UNIVERSITY 1950-51

<b>A</b>		
Aarons, Isadore Alfred		
B.S. 1933, University of Chicago	Ga.	Adams, Eva Bertrand
M.S. 1936, The George Washington University		A.B. 1928, University of Nevada
Aaronson, Charles Martin		A.M. 1936, Columbia University
Abadias, Andeeas	D.C.	Adams, Flora Mae
A.M. 1948, University of South Carolina	D.C.	Adams, Frederick Bradfield
Abbe, Mary Hyatt		Adams, Frederick Fowler
Abbey, Vincent H. D.	Md.	Adams, George William, Jr.
A.B. 1947, University of Washington	Wash.	Adams, Harlan Richard
LL.B. 1950, American University		A.B. 1922, Shepherd College
Abbot, Nancy		Adams, Herbert Parlier
Abbott, Eleanor Pauline	D.C.	Adams, Jacob Mark
Abbott, Frances Noon	Pa.	B.S. in Chem. Eng. 1949, University of Pittsburgh
Abbott, Frank LeRoy	Md.	Adams, James Cance
A.B. 1939, Central College	D.C.	Adams, James Ronald
Abbott, Robert Tucker		Adams, Leontine Toulson
B.S. 1946, Harvard University	D.C.	A.B. 1939, A.M. 1941, The George Washington University
M.S. 1949, The George Washington University		Adams, Melrose Buster
Abbul, Charles, Jr.		Adams, Robert Melvin
B.S. in B.A. 1949, Ohio State University	Va.	A.B. 1948, The George Washington University
Abdel Rahim, Mahmoud Kamel		Adams, Robert Thompson
Abel, Joseph Henry	D.C.	Addington, Lloyd Byron, Jr.
Abelson, Esther Marina	D.C.	A.B. 1942, Clark University
Abelson, Maria Luisa	Cuba	Addison, Francis Girault
Abend, Phillip Gary	Cuba	B.S. 1947, Washington and Lee University
Aberdeth, Lynn Walter	D.C.	Adelson, Miriam Paula
Aberman, William	Wis.	Adelson, Norman Pershing
Abernathy, Billy Verl	D.C.	B.S. 1941, University of Alabama
Abernathy, Thomas Bradford	D.C.	Adler, Harold
B.S. 1947, Georgetown University	Va.	Adler, Helen Claire
Abel, George E.		Adler, Irving
Abney, Archie Lowell	Wash.	B.S. 1949, New York University
B.S. 1939, University of Illinois	Ill.	Adler, Raymond Harold
Abolins, Milda		Adrian, Alex Gottman
Aboud, Joseph	D.C.	B.S. 1948, Wilson Teachers College
Abraham, Albert Frederick	Ariz.	Adrian, Donald Keith
Abrahamson, Joseph Labe	Va.	Agavoff, Theodore Daniel
Abrahamovitz, Melvin	Va.	A.B. 1947, The George Washington University
Abraham, Bernard Weiler	Md.	
B.F.E. 1941, Ohio State University	Ohio	Agerstom, Enid Joyce
Abrams, Edwin Fred		Agnew, John Maurice
Abrams, Lester Edwin	D.C.	A.B. 1950, Warrenberg College
Abrams, Yehuda Hillel	Fla.	Agnew, Nancy Claire
Abrahamson, Milton Eli	D.C.	B.S. in Ed. 1948, Wilson Teachers College
B.B.A. 1942, College of the City of New York	N.Y.	
Abraham, Sofia		Agosti, Lindo Elmer
Abrams, Robert Louis	N.Y.	Amatterewer, Eugenio
Abramson, Bettine	N.Y.	Agostiewicz, Henry Anthony
B.S. 1948, University of Chicago	Ill.	B.S. 1947, A.M. 1949, The George Washington University
Acree, Frances C.		Ahern, Frank Leo, Jr.
Adams, Alton George	D.C.	B.S. in M.E. 1944, Cornell University
Adams, Aude Ray	Md.	
A.B. 1950, Fairmont State College	W.Va.	Ahlberg, Richard Charles
Adams, Basil Andrew		A.B. 1947, Wesleyan University
Adams, Edward Paul	Mass.	A.M. 1948, Columbia University
Adams, Emily Jean	D.C.	Ahlfeld, George Samuel
A.B. 1944, Winthrop College	S.C.	Ahmannson, Ada Mae
		B.S. 1948, University of Maryland

Ahmed, Idris	D.C.	Alldridge, Alfred Robert	Pa.
A.B. 1932, Muslim University, India		A.B. 1950, The George Washington University	N.Y.
Ahrone, Jacob	Okla.	Allegri, Theodore Henry	
B.S. 1941, Oklahoma Agricultural and Mechanical College		A.B. 1947, A.M. 1949, The George Washington University	Pa.
Ainsworth, John Edgar, Jr.	D.C.	Allen, Alice Grieves	D.C.
B.S. 1947, Harvard University		Allen, Alvah David	Fla.
Albamonte, Eugene	D.C.	Allen, Annie Mills	
Albamonte, Marion Delores	D.C.	A.B. 1931, University of Alabama	Ark.
Albaugh, Helen Elizabeth	Md.	Allen, Dan Charles	Ill.
Albee, Edward Gutemuth	D.C.	Allen, Donald Vail	Va.
Alberding, Arthur Victor	Md.	Allen, Edward Carlton, Jr.	
Alberghini, Thomas Joseph	Md.	B.S. 1918, United States Coast Guard Academy	Md.
B.S. 1941, College of the Holy Cross	D.C.	Allen, Edward Clayton	
Albers, Beatrice Ethel	D.C.	A.B. 1949, Gettysburg College	Va.
Albers, Patricia Marie Hannelly		Allen, Eileen Annette	
A.B. 1948, The George Washington University	D.C.	A.B. 1938, University of Maryland	D.C.
Albert, Edward Joseph	Pa.	A.M. 1940, The George Washington University	Va.
Albert, Harold Franklin		Allen, Howard Benson	D.C.
B.S. 1950, Muhlenberg College		Allen, James Morton	
Albert, Irvin R.	D.C.	I.I.B. 1949, Washington College of Law	Md.
A.B. 1936, The George Washington University		Allen, Joy Cecelia	Va.
Albert, Marjorie Florence	D.C.	Allen, Nancy Leigh	D.C.
Albert, Sterling Hartwall	Va.	Allen, Norval Eugene	Va.
Alberson, Arthur Grant	Utah	Allen, Phyllis Johnson	Va.
Albright, Joseph Gail	Mo.	Allen, Rembert Gary	D.C.
B.S. 1949, Northeast Missouri State Teachers College		Allen, Richard Hiram	N.Y.
Albright, Robert Wayne	D.C.	Allen, Robert Brooke	Miss.
Albritton, Elmer Sanford, Jr.	Calif.	Allen, Robert Harrison	D.C.
B.S. in Eng. 1947, Northwestern University		Allen, Rosa Jane	
Albus, Irene Patricia	D.C.	A.B. 1950, University of Maryland	D.C.
Alderson, Wilbur Stanley	D.C.	Allen, Rosemarie	D.C.
Alderton, Roderick	D.C.	A.B. 1947, McGill University	England
B.S. 1948, Georgetown University		Allen, Thomas Howard	Maine
Aldizer, Carthon Evans	N.C.	Allen, Thomas Joseph, Jr.	
Aldridge, Robert Cronin	D.C.	Allen, Thorvald Christensen	Va.
B.S. 1926, A.M. 1936, College of Charleston		B.S. 1948, Cornell University	D.C.
Aldrich, Howard Mervin	Ohio	Allender, Thomas	
B.S. 1948, Georgetown University		Allen, Victor	
Aldrik, Thomas Joseph	D.C.	A.B. 1930, The George Washington University	D.C.
Aleh, Faqir Nabi	Afghanistan	Allgever, James Ernest	
A.B. 1949, Kabul University		B.S. 1948, University of Notre Dame	Md.
Alena, Virginia Marie	N.Y.	Allinger, Dorothy Ann	Pa.
Alexander, Aaron David	D.C.	Allinger, Helen	D.C.
B.S. 1948, College of the City of New York		Allison, Helen Ann	D.C.
Alexander, David George	D.C.	Allison, Horatio	D.C.
Alexander, Harold Bell	Md.	Allison, Joan	Ohio
Alexander, Joseph	Va.	Allison, Ola Hannah	
Alexander, Katherine Joan	D.C.	A.B. 1929, Rio Grande College	Md.
Alexander, Mae Belva	Calif.	Allnutt, Benjamin White	D.C.
Alexander, Marion Thomas	D.C.	A.B. 1941, Western Maryland College	D.C.
Alexander, Robert Mason	Va.	Allnutt, Ralph Bogley	N.Y.
Alexander, Robert Penival	D.C.	Althouse, William Charles	D.C.
A.B. 1941, Albertus Magnus College		Allmont, Rene Charles	D.C.
Alexander, Ronald McKenzie	D.C.	Alwane, Robert Thomas	Md.
Alexander, Roy L., Jr.	N.J.	Almeida, Virgil Anthony	
A.B. 1948, Duke University		Almond, Hy	
Alexander, Sidney Raymond	D.C.	B.S. 1938, University of Chicago	Md.
A.B. 1939, New York University		Almy, Dean Johnson, Jr.	Md.
Alexander, Vernon Duckworth	D.C.	Almy, Helen	D.C.
Alexandre, Herman	D.C.	Alpar, Faika Fatma	N.Y.
Alexiou, Louis	N.Y.	Alperin, Dan	D.C.
Alexis, Everett Crispin	D.C.	A.B. 1950, Brooklyn College	Va.
Allain, Donald Alfred	N.H.	Alpher, Beryl Joan	
Allan, Donald Marvin	Okla.	Alspaugh, Clarence Henry, Jr.	
A.B. 1951, University of Cincinnati			



Alster, Caliste Jay B.S. 1948, Massachusetts Institute of Technology	Ill.	Anderson, Everett Armand	D.C.
Altaie, Flayeh Hassaw		Anderson, Frances Edna	D.C.
Alter, Miriam Marcia	Md.	Anderson, George Ross, Jr.	S.C.
A.B. 1950, University of Maryland	D.C.	Anderson, Geraldine Elizabeth	D.C.
Altman, Toby Thelma		Anderson, Hayward Hunter	D.C.
Altman, Paul Peter	Va.	Anderson, Henry Clay	Va.
Altman, Susan	D.C.	Anderson, J.	Va.
B.S. 1950, American University	Mass.	Anderson, Jack Northman	Md.
Altman, Verna-Pearl		Anderson, John James	D.C.
A.B. 1947, Washington Missionary College	Md.	Anderson, Joseph Lenough	S.C.
Altschuler, Morton		Anderson, Kenneth Arthur	Ill.
Altschuler, Eugene	D.C.	Anderson, Marion Phyllis	D.C.
Altschuler, Oscar	N.J.	Anderson, Martin	D.C.
Altszuler, Norman	N.Y.	Anderson, Nancy	D.C.
B.S. 1950, The George Washington University	Conn.	Anderson, Richard Dale	Nebr.
Alvig, Olav Henry		Anderson, Robert Clinton	Va.
Alvig, Oscar Roald	Va.	B.S. 1948, Roanoke College	Kans.
Amano, Leo Ryoichi	Va.	Anderson, Robert Lee	Nebr.
LL.B. 1948, University of Tokyo	Japan	Anderson, Robert Leigh	Va.
Ambeaokar, Nalini Krishnarao		Anderson, Robert Reynolds, Jr.	Va.
A.M. 1945, University of Bombay	India	B.S. 1933, University of Richmond	Calif.
Amber, Ellen Gertrude		Anderson, Roy Winton	Okla.
Amberg, Robert Warren	Fla.	Anderson, Ruby	Ill.
Ambriff, Elaine Doris	Md.	Anderson, Theodore William	
A.B. 1948, Pembroke College	R.I.	B.S. in E.E. 1948, University of Illinois	S.C.
Ambrister, Asa Robert, Jr.		Anderson, Walker Eldon	
B.S. 1947, LL.B. 1950, University of Tennessee	Tenn.	B.S. 1951, University of South Carolina	
Ames, Barbara Anne		Anderson, Wayne Russell	Nebr.
Amidon, Robert Horace	N.J.	Anderson, William Lawrence	Md.
Amos, Iris Elizabeth	D.C.	B.C.E. 1925, Ohio State University	Ill.
A.B. 1949, Western Maryland College	D.C.	Anderson, William Walter	Fla.
Amram, David Werner		Andes, Paul Gowdy	Fla.
Amster, Morton	D.C.	Andia, Julian Frank	D.C.
B.S. in E.E. 1948, Rutgers University	N.J.	Andolfatto, Viola Antonette	Md.
Amussen, Melvin Lawrence		Andrea, Charles William	Pa.
Anastasiades, Plato	D.C.	Andrauskas, Edward Anthony	Va.
Anastopoulos, Nicholas A.	Md.	Andrew, Frank Samuel	Mass.
Anastou, John	Ohio	Andrews, Anna Vaughan	Tenn.
Anchell, Barry Benjamin	Mass.	Andrews, Forrest West	D.C.
Andersberg, Carl Magnus	N.Y.	Andrews, Lee Austin	Mont.
Anders, Frank Ward, Jr.	N.Y.	Andrews, Melvin Keith	N.Y.
A.B. 1949, The George Washington University	Sweden	Andrews, Newman Jacob	D.C.
Anderson, Allen Frederick	Md.	Andrews, Rebecca Elizabeth	
Anderson, Donald George		A.B. 1926, M.S. 1930, University of Georgia	Va.
A.B. 1932, University of Nebraska	Va.	Andrews, Thomas Harold, Jr.	D.C.
Andersen, Elinor Margaret	Nebr.	Andrews, William Taylor	
B.S. 1946, University of Denver	D.C.	B.F.E. 1944, The George Washington University	
Anderson, Stephen Foss, Jr.		LL.B. 1949, Union College and University	
Anderson, Albert David	D.C.	Andrich, Dan John	Minn.
A.B. 1944, University of California	D.C.	Angel, Grober LaMarr	N.C.
Anderson, Allan Charles		A.B. 1929, High Point College	
Anderson, Benjamin Ernest, Jr.	Conn.	A.M. 1946, The George Washington University	
Anderson, Bruce Irwin	Md.	Angel, Jerry Irwin	N.Y.
Anderson, Carl Robert	Pa.	Angel, John Edward	Nebr.
Anderson, Caroline Lucretia	Pa.	Angel, Nell English	N.C.
Anderson, Chester	Va.	B.S. 1941, Appalachian State Teachers College	
Anderson, Doris Marie	D.C.	Angelis, Marlon Gloria	Pa.
A.B. 1949, Pembroke College	R.I.	Angell, Jack Robert	N.Y.
Anderson, Earl Edward		Angelo, Patricia Wilson	Va.
B.S. 1949, A.M. 1949, West Virginia University	W.Va.	Angle, William Ward	Va.
Anderson, Edmond Ralph, Jr.		Ankers, John Edward	D.C.
A.B. 1948, Ohio State University	Ohio	Annis, Helen Woodburn	Md.
Anderson, Elizabeth Louise	Conn.	B.S. 1938, Muskingum College	
A.B. 1949, Connecticut College		Annis, Robert James	Mich.

Ansher, Harold	N.Y.	Arnett, Mazie Mauk	Va.
A.B. 1939, Brooklyn College		A.B. 1945, Morehead State College	D.C.
Ansher, Norton	N.Y.	Arna, Aubrey Allen	
B.E.E. 1949, The George Washington University		A.B. 1949, The George Washington University	Va.
Anstead, Roy James	D.C.	Arnn, Jean Elizabeth	S.C.
Anstolis, Cleo	D.C.	Arnold, Aurelia	
Anton, Ruth Martha	Iowa	B.S. 1948, Berry College	D.C.
Antony, Edwin Herman	Minn.	Arnold, Bertha Pearl	
Antosz, Henry Joseph	D.C.	A.B. 1928, A.M. 1933, University of Kansas	N.C.
Antoun, Edmond John	N.Y.	Arnold, John Dunn, Jr.	Va.
Anzaldua, Fausto	Tex.	Arnold, Kenneth Franklin	D.C.
Apgar, Herbert LeRoy	Va.	Arnold, Yolanda	N.H.
Aponick, Joseph Ronald	Pa.	Arnos, Rose Mary	Md.
B.S. in Ed. 1941, Pennsylvania State Teachers College, Bloomsburg		Arntz, William Charles	
App, Oliver Leo	Wis.	A.B. 1940, University of New Mexico	D.C.
Appel, James Dunford	D.C.	Aron, Howard	D.C.
B.M.E. 1949, Pennsylvania State College		Aronson, Ellis Smiler	N.Y.
Appel, Lila	D.C.	Arret, Bernard	
Appleby, Doris Chambers	D.C.	B.S. 1941, College of the City of New York	Ohio
Applegate, David Carl	Calif.	Arrick, Alma Arlene	Pa.
A.B. 1950, University of California at Berkeley		Arrowsmith, Arthur Von Glentworth	
Appleman, Herbert Stanley	Ill.	B.S. 1932, Pennsylvania State Teachers College, Edinboro	Mo.
B.S. 1940, University of Illinois		Arthaud, Richard Edward	
M.S. 1947, University of Chicago		B.S. in C.E. 1944, University of Missouri	Va.
Applestein, David	D.C.	Arthur, Frank Melvin	D.C.
A.B. 1947, The George Washington University		Arthur, John Joseph	D.C.
Applestein, Geraldine	N.Y.	Arthur, Ruth Naomi	N.Y.
Apter, Ronald Allen	D.C.	Artz, Harry Edward	N.Y.
Arango-Vidal, Juan	Puerto Rico	Arvanetes, John	
B.S. 1949, University of Puerto Rico		Asch, Mildred Blanche	N.Y.
Arce, Arthur George	N.J.	A.B. 1940, Hunter College	
Archangel, Olivia M.	Pa.	Aschenbrand, Leonard M.	
Archler, Roberta Jane	Ill.	B.S. 1947, College of the City of New York	
Archibald, John Harold	Md.	A.M. 1949, New York University	D.C.
B.S. 1949, University of Maryland		Asha, John Michael	Md.
Ardayus, Joachim Manuel	N.Y.	Ashby, George Elliott	D.C.
Arifa, Gerald Lawrence	N.J.	Ashby, Helen	N.Y.
Arfman, Herbert Edward	Ohio	B.S. 1947, Northwestern University	D.C.
L.L.B. 1950, The George Washington University		Ashby, Kenner Smith	Wash.
Angelakis, Alexander Nicholas	Md.	Ashe, Ray Lester	
Angelben, Arthur Robert	Calif.	Ashenfelter, Harry Crotzer	
Annis, Sidney Edgar	N.Y.	A.B. 1948, University of Washington	Wash.
Aries, Leonard Phillip	Ill.	Ashenfelter, Mary Belle	Va.
Ph.B. 1950, J.D. 1952, University of Chicago		Asher, Cleona	
Arlotta, Russel Anthony	N.Y.	Ashford, Robert Sidney	Tex.
Armbruster, Edward Joseph	Va.	A.B. 1948, Princeton University	Idaho
Armbruster, Ralph Edward	D.C.	Ashley, Robert Frederick	N.Y.
Armstrong, Charles Edwin	D.C.	Ashworth, Charles Raymond	D.C.
Armstrong, John Harold	N.Y.	Asin, Hy	Md.
B.S. 1946, Brooklyn College		Askari, Amir Ebrahim	
Armstrong, Sidney Jay	D.C.	Askew, William Robert	
A.B. 1947, Brooklyn College		A.B. 1949, The George Washington University	Finland
Armstrong, Albert Claude	D.C.	Asp, Eero Rafael	D.C.
Armstrong, Condeila Morton	Va.	A.M. 1950, University of Helsinki	
Armstrong, George Duff	D.C.	Asper, Edna Anne	Pa.
A.B. 1950, University of Pittsburgh		A.B. 1950, University of Pittsburgh	
Armstrong, Mary Emma	D.C.	Asper, Joseph	
A.B. 1947, Oberlin College		B.S. 1945, St. Vincent's College	Pa.
Armstrong, Richard Merrill	Idaho	L.L.B. 1948, Georgetown University	D.C.
B.S. 1950, University of Idaho		Asalos, Margaret Louise	N.C.
Armstrong, William Charles	Pa.	Astras, George	D.C.
Armstrong, Woodrow Jennings	Va.	Athanasios, Helen Nota	
Arnold, Rosalie Bryant	D.C.	Atherton, Helen Douglas	
Arness, John Allan	Va.	A.B. 1948, Mary Baldwin College	

Atkeson, Timothy Breed A.B. 1947, Haverford College A.M. 1949, Oxford University	D.C.	Baber, Carol Virginia Babagan, Janet Ruth Babinski, Matthew B.S. 1949, Worcester Polytechnic Institute	Va. D.C. Mass.
Atkin, Harry Atkins, Craig Starbuck Atkins, Norman Louis Atkinson, Ethel Kathleen B.S. 1928, Carnegie Institute of Technology	D.C. D.C. Va. Ohio	Bacchus, Carol Stillwell Bacchus, Halseeb B.S. 1947, Howard University M.S. 1948, Ph.D. 1950, The George Washington University	Md. British Guiana D.C. D.C.
A.M. 1940, Western Reserve University LL.B. 1950, The George Washington University	N.Y.	Bacchus, Joan Ruth Bach, Richard Lesen A.B. 1944, Cornell University	D.C. D.C.
Atlas, Liane W. A.B. 1943, Vassar College	D.C.	Bachman, Barbara Bachrach, Morton Weisel B.S. 1947, Roanoke College	Va. Va.
Attix, Evelyn Louise Atwood, Adelaide Atwood, Arthur William Audia, William Vincent Auchavin, Dennis Francis Auchebaugh, Walter Garvin Aular, Ramon Alejandro Auldridge, Francis Xavier Ault, John Miller Aungst, Larry Gilbert Auslander, Sondra Claire Austin, Carroll Wayne Austin, Dean Menlo Austin, Edwin Cogswell Austin, Hampton Lambert Austin, Maude Savase B.S. 1949, Maryland State Teachers College, Salisbury	Mass. Okla. D.C. N.Y. Pa. D.C. Md. Va. Pa. D.C. N.C. Idaho Va. Va. Va.	Baer, Howard Harry B.S.C. 1949, Ohio University Baer, Mary Bagan, Michael Bachovan, Leila Marie Bahadur, Suraj Shumshere Jung H.S. 1944, Cambridge University, England B.S. 1945, Punjab University, India A.B. 1947, Ohio Northern University A.M. 1949, Ohio State University	Minn. Va. D.C. N.Y. D.C. India
Austin, Rodney Elmer A.B. 1948, Western Maryland College	Va.	Bald, Robert Dennis B.S. 1948, University of Wisconsin	Wis.
Austin, Terry Willis Austin, William Wickliffe Auten, Howard Leonidas Autenrieth, Robert Eugene Auvil, Carl Edward A.B. 1948, Berea College Avalcar, Marilyn Winifred A.B. 1949, New York State Teachers College	Va. Va. D.C. D.C. W.Va. N.Y.	Bailey, Bertha James Bailey, Charles Robert Bailey, Henry Connor Bailey, James Edwin B.S. 1941, University of Minnesota LL.B. 1947, Georgetown University	Md. D.C. Minn.
Avdalovich, Milena Mihailovna Averman, John Henry Avey, John Jacob, Jr. B.S. 1949, Lehigh University Avin, Martin B.S. 1944, Brooklyn College LL.B. 1947, Harvard University Azzell, George Clifton, Jr. Ayapa, Cheevakapuvandla Bhimaya Ayers, Albert Wright, Jr. A.B. 1950, College of William and Mary	N.Y. Md. Md. N.Y. Pa. D.C. Va.	Bailey, Joe Kasey, Jr. Bailey, Joseph Fortune Bailey, Kenneth Alexander Bailey, Lorraine Bailey, Margaret Lucille Bailey, Margaret Evelyn Bailey, Mildred Pauline B.S. 1948, Wilson Teachers College	Va. D.C. D.C. Va. Md.
Ayers, Arnold Welome Ayers, Eula Katherine A.B. 1949, Longwood College Ayers, June Elizabeth A.B. 1946, The George Washington University Ayers, Kingdrel Navarre B.S. 1941, United States Coast Guard Academy Aylain, Arsen	Colo. Va. Ill. Fla. D.C.	Bailey, Nancy Hamilton B.S. 1946, West Virginia University Bailey, Owen Walter A.B. 1948, Colby College Bailey, Russell Edward Bailey, William Harris Bailey, William Vero Bailey, William Anthea B.S. in Ed. 1944, Pennsylvania State Teachers College, California Bailey, William Lee A.B. 1948, University of Pennsylvania B.S. 1948, University of Pittsburgh	D.C. D.C. Ind. D.C. Md. Pa.
Babb, Eugene Campbell A.B. 1950, The George Washington University Babcock, George Russell Babcock, Penelope Lippitt	Va. Va. Md.	Bailey, William Lee B.S. 1948, University of Pittsburgh	Pa.



Baisinger, Grace Chepolis	D.C.	Ballard, Ralph Campbell	D.C.
Baker, Annette Cinn	D.C.	Ballas, Eleftherios Pete	Md.
B.S. 1940, New York State College for Teachers, Buffalo		Ballas, Parascho Peter	D.C.
Baker, Arlie Page, Jr.	Md.	Ballentine, Margaret Hilda	S.C.
B.S. 1951, University of Maryland		Balletzak, Henry	N.J.
Baker, Benjamin Harrison	D.C.	Balli, Carl Eugene	Fla.
Baker, Bobby Gene	S.C.	A.B. 1950, The George Washington University	Md.
Baker, Carl Wilfred	Ohio	Balogh, James, Jr.	D.C.
B.S. 1948, Ohio State University		Balogh, Stephen Elmer, Jr.	D.C.
Baker, Dorothy Elizabeth	Va.	Balshaw, Marie Elizabeth	Mass.
Baker, Edward Welsh	D.C.	Balukonia, Michael Peter	Ind.
Baker, George Summers	Va.	Balzer, Clayton Paul	D.C.
Baker, Gerald Lee	Calif.	Banasevich, Anthony Michael	
Baker, Gwynn Robinson	Mich.	B.S. 1948, A.M. 1950, Georgetown University	D.C.
B.S. in Ch.E. 1948, Purdue University		Bancroft, Raymond Lowell	D.C.
Baker, Harold Fred	D.C.	Band, Bernard Alvin	Wash.
LL.B. 1949, The George Washington University		Bandi, Margaret Olive	Kant.
Baker, Harold Leon	Tenn.	Bandy, Alva Harlan	
Baker, Jack	D.C.	B.S. in C.E. 1947, Kansas State College of Agriculture and Applied Science	
Baker, James Lockhart	Md.	LL.B. 1949, Washburn Municipal University of Topeka	D.C.
B.S. 1949, University of Maryland		Bane, Howard Thomas	Pa.
Baker, Margaret Louise	D.C.	Banford, Harry Charles	D.C.
Baker, Marion	Ky.	Bangle, Lester Wayne	Calif.
Baker, Mildred Louise	D.C.	Banker, Robert Darrell	
Baker, Mildred Olive	Wash.	A.B. 1949, The George Washington University	Va.
Baker, Robert Clifford		Bankhead, Delia	Pa.
A.B. 1948, University of Minnesota	D.C.	Banko, Andrew	Pa.
Baker, Ruth Ursula	Pa.	Bankovskiy, Nicholas Peter	
Baker, Waldon Lee	D.C.	B.S. 1941, New York University	Calif.
Baker, William Clinton		Bankson, Albert Peter	N.M.
A.B. 1940, The George Washington University	Ill.	Banner, Roy Roscoe, Jr.	
Baker, William Harold		A.B. 1936, Marshall College	
A.B. 1949, The George Washington University	Iran	A.M. 1937, University of New Mexico	D.C.
Bakhtiar, Lailee		L.L.B. 1950, Georgetown University	D.C.
A.B. 1951, University of California	N.J.	Baptista, Frank William	Md.
Bakker, Cornelius Johannes		Barakat, Dlawar Hassan	N.Y.
A.B. 1949, The George Washington University	Mass.	Barall, Grace	
Bakon, Frederick Joseph	Pa.	Baratta, James Carol	Md.
Balavage, Alphonsus Albert		A.B. 1949, Columbia College	
B.S. 1947, University of Pennsylvania	Va.	Barbano, Edward Francis	Pa.
Baldard, John Augustine, Jr.	Pa.	A.B. 1947, Syracuse University	
Baldock, Olga Thomas	Md.	Barber, Alvin Thomas	D.C.
Baldwin, Charles Adams	Md.	B.S. 1931, Susquehanna University	Calif.
Baldwin, Don Mervin	Md.	Barber, Carter	
Balentine, William Robert	Va.	Barber, Charles Farmer	
Baldan, Benec		Barber, Frederick Willard	
B.S. 1942, College of St. Joseph, Sera	Va.	A.B. 1941, The George Washington University	N.Y.
Balinger, Richard King	Va.	Barber, Theodore Xenophon	N.Y.
Balish, Nicholas John	Md.	Barbero, Anthony Frank	
Ball, Andrew Thomas		Barbieri, Louis Joseph	
B.S. 1949, University of Maryland	D.C.	B.B.A. 1949, College of the City of New York	Calif.
Ball, Charles Emmet		Barbour, Ernest John	Va.
B.S. 1949, The George Washington University	Tex.	A.B. 1942, University of California	
Ball, Karl Edwin	Mo.	Barbour, Mary Jane	Tenn.
Ball, James Arthur	Md.	A.B. 1949, The George Washington University	
Ball, Joseph James	Va.	Barbour, Robert Ellwood	
Ball, Marshall Alice	Maine	A.B. 1948, University of Tennessee	
Ball, Robert Murray		Bardach, Henry G.	
A.B. 1943, Bowdoin College	D.C.	A.B. 1948, The George Washington University	
Ballard, Albert	Ohio	A.M. 1951, University of Penn- sylvania	
Ballard, Carl Clive	Va.		
Ballard, Thomas Fletcher			
A.B. 1942, East Carolina Teachers College			
A.M. 1947, Columbia University			

# Students Registered

411

Bardenheuer, Leo			
Barezolsky, Frances			
A.B. 1948, The George Washington University	Va. D.C.	Barnett, Thomas Mather	Colo. Vt.
Bargar, John Raymond		Barney, Shirley Isabel	
Barger, Herman Harold		B Ed. 1942, University of Vermont	
A.B. 1947, Harvard University	D.C. Mass.	Barnhart, Arthur Gooding	D.C.
Bargh, Pickard Fowler		A.B. 1949, The George Washington University	
Barnett, Jeanne Frances	Va. D.C.	Barnhart, C. Paul	Md.
Barnett, Benjamin, J.		A.B. 1930, Lebanon Valley College	
B.S. 1946, Illinois Institute of Technology	Mich.	Ed.M. 1943, University of Maryland	
L.L.B. 1950, The George Washington University		Barnhart, John Hoffman	D.C.
Barish, Joseph		Barnhill, William James	Va.
Barker, Jimmy Lee	D.C. Calif.	Barnhouse, Darwin Collier	Va.
Barker, Joe C.	Okla. W.Va.	Baton, Florence Catherine	D.C.
Barker, Minter J.		Barr, Joseph Frederick	N.J.
Barker, Rachel Marion		Barr, Marie Ann	Pa.
A.B. 1945, Bennington College		Barr, Solomon Efreim	D.C.
A.M. 1949, Smith College		Barra, James Russell	Ind.
Barkin, Gilbert Donald		Barasso, Joseph Alfonso	N.J.
B.S. 1949, The George Washington University	D.C.	Barra, Urbino Joseph	Mass.
Barkley, Anne Marie		Barrett, Annabel Lombard	D.C.
A.B. 1941, New York University	Md.	Barrett, Beverly Mae	D.C.
A.M. 1942, Columbia University		A.B. 1949, The George Washington University	
Barkman, William Ernest	D.C.	Barrett, John William	Pa.
L.L.B. 1923, A.B. in Ed. 1936, A.M. 1917, The George Washington University		Barrett, William Harbour	Ga.
Barlow, Mearl Marietta		Bartick, Donald Michael	D.C.
Barlow, Billy Ray	Minn. Ohio	Bartington, Ruth Maguire	Fla.
Barlow, Grant Harold		B.S. 1942, Florida Southern College	
B.S. 1950, Wilkes College	Md.	Barrison, William John	Pa.
Barlow, Shirley		B.S. 1946, Pennsylvania State Teachers College, East Stroudsburg	
Barmy, John Glennon		Barron, Edwin Selwyn	D.C.
B.S. 1944, Massachusetts Institute of Technology	Va. D.C.	A.B. 1949, College of William and Mary	
A.B. 1944, Middlebury College		Barron, Paul Jerome	Pa.
Barnard, George Arthur		Barron, Pauline Eva	W.Va.
Barnard, LeRoy Hanson, Jr.	Md.	A.B. in Ed. 1946, Shepherd State College	
Barnard, Lois Ann	Va.	Barrow, Claude Arnold	N.C.
Barnard, Richard Paul	N.J.	Barrow, James Russell	Md.
B.S. in M.E. 1947, University of Michigan	N.Y.	Barrow, Ralph Cooper	Va.
Barnekov, Christopher Conkling		B.S. 1939, United States Military Academy	
Barner, Frank William	Va.	L.L.B. 1934, Harvard University	
Barner, David Fitz	Calif.	Barrow, Samuel Wheeler, Jr.	Md.
Barner, Donald Frederick	Mass.	Barry, John William	D.C.
Barner, Evelyn William	D.C.	Barry, Joseph Robert	D.C.
A.B. 1941, Lynchburg College	Calif. D.C.	Barson, David	D.C.
Barnes, Howard Emerson		A.B. 1950, The George Washington University	
B.S. in Eng. 1935, University of Florida	Md.	Barth, Leah Wanda	Pa.
Barnes, Jack Rich		B.S. 1947, Pennsylvania State Teachers College, Bloomsburg	
B.S. in C.E. 1947, University of Texas	Tex.	Bartchuk, Mary Helen	Canada
Barnes, Joanne Louise		Bartik, Richard	Va.
Barnes, Kenneth Clark		B.M.E. 1950, The George Washington University	
Barnes, Robert Dean	Va. N.C.	Bartkowski, Florence	Ohio
Barnes, Virginia C.	Mo.	Bartlett, Charles Lehighwell	Fla.
A.B. 1945, West Virginia Institute of Technology	Va.	Bartlett, Doreen Joseph	W.Va.
Barnett, Charles Maxwell		Bartlett, Gladys Reed	D.C.
A.B. 1950, The George Washington University	Colo.	B.S. 1944, Western Teachers College	
Barnett, Robert Alexander		Bartmess, I. Horst Sternman	Mass.
A.B. 1949, The George Washington University	D.C.	B.S. 1947, Louisiana State University	
		Barton, Fred Hubert	D.C.
		Bachelorate, German State Real Gymnasium, Pilsen, Czechoslovakia	
		Barton, Leslie Cecil, Jr.	Va.
		Barton, Robert Wharton	N.J.
		Bartchuk, John	D.C.
		Barwick, James Henry, Jr.	D.C.

Basham, Anne Layton	Va.	Bayer, Ralph Robertson	Ohio
Basile, Anthony Stephen	Pa.	B.S. 1935, Ohio State University	N.J.
Baskin, Alan Irwin	Va.	Baylison, Richard Norman	Va.
A.B. 1948, Pennsylvania State College		Baylor, Warner Lewis	Va.
Bass, Charles Alvin	D.C.	Bayol, Permella Burgess	Va.
Bass, Charles White	Tenn.	Bayon, Harry	Md.
A.B. 1949, The George Washington University		Beach, David Jerome	Va.
Bass, Gertrude Simon	N.Y.	Beach, George R.	Ohio
B.S. 1947, College of the City of New York		Beach, Kenneth Herbert	Va.
Bass, Marvin William	Pa.	Beach, Leroy Alton, Jr.	D.C.
A.B. 1948, The George Washington University		Beach, Lillian Estelle	
Bassuener, Oliver Herbert	Wis.	B.S. 1943, Virginia State Teachers College, Farmville	D.C.
LL.B. 1916, Marquette University		Beach, Robert Oliver	D.C.
LL.M. 1947, The George Washington University		Beacham, Samuel Timothy, Jr.	D.C.
Bast, Benjamin Frank	Pa.	Beadle, Mary Elizabeth	Va.
Bast, Thomas Franklin	Pa.	Beahm, Doris Louise	D.C.
Bastian, David Charles	D.C.	Beale, Edgar Joseph	Ky.
A.B. 1948, University of Maryland		Beale, Thomas William, Jr.	D.C.
Baszkowski, Thomas Richard	N.J.	Beall, Elizabeth Ann	
Batalo, George	W.Va.	A.B. 1949, The George Washington University	W.Va.
Batch, William Joseph	Va.	Beall, Hazel Rachel	D.C.
Batchelor, Alonzo William	N.Y.	Beamer, Alan Leroy	
Bateman, William Francis	Md.	B.S. 1915, Pennsylvania State Teachers College, California	Va.
Bateman, William Raphael	D.C.	Bear, Elwood Leroy, Jr.	Pa.
Bates, Wayne Emerson	Md.	Beardmore, Rebecca Rae	Md.
Batkin, Josephine	N.Y.	Beardmore, Walter Harvey	N.Y.
Baum, Donald Purdy	D.C.	Beardsley, James Henry	Va.
Baum, Victor, Jr.	Calif.	Beary, Franklin David	Ill.
Battin, James Franklin	Mont.	B.S. in E.E. 1943, Duke University	Tex.
Battle, Frederick Hugh, Jr.	Va.	Beasley, Channing Ernest	Va.
Battle, Avis Forand	Va.	Beasley, Derwood Marice	
Baube, Anne Françoise	D.C.	Beasley, Jess Lee	
Baucom, Howard Heath	N.C.	A.B. 1937, Phillips University	Va.
Bauer, Frederick Albert	D.C.	M.S. 1941, University of Oklahoma	Ill.
Bauer, Hugh Bernard	N.J.	Beasley, Mary Jane	
Bauer, Joseph Tucker	Tenn.	Beasley, Philip Gene	Md.
Bauer, William Earle	D.C.	A.B. 1940, Washington University	Va.
B.S. 1950, University of Maryland		Beattie, Edward James	
Bauners, Frank William, Jr.	Tex.	Beattie, Joan Taylor	
Baugh, Marvin Hamilton	D.C.	A.B. 1950, Middlebury College	D.C.
B.S. 1947, Texas Christian University		Beatty, Alta Mae	Mich.
Baughman, Pamela Ruth	Md.	Beatty, Dorothy Irene	
Baum, Allene	D.C.	A.B. 1948, A.M. 1950, University of Michigan	D.C.
Baum, Norman	Pa.	Beatty, Eleanor	
A.B. 1948, Bucknell University		A.B. 1913, Bryn Mawr College	Va.
Bauman, Carl Robert	S.D.	Beatty, George Calvin	Va.
Baumann, Robert Coile	Va.	Beatty, Harry Barton	
Baumann, Roger Henri	N.Y.	A.B. 1948, The George Washington University	Tex.
Baumgartner, Jack Edward	D.C.	Beatty, Billie Gene	D.C.
Baurath, Leonard Arthur	D.C.	Beauchamp, Gerson Eli	
Baxter, Edward John	Minn.	A.B. 1943, University of Puerto Rico	D.C.
B.S. in M.E. 1941, University of Minnesota		Beaver, Carol Westbrook Virginia	
Baute, Eloise Dorothy	Mo.	A.B. 1950, The George Washington University	D.C.
Baxter, Charles Sayre, Jr.	D.C.	Beaver, Ruth Fileen	
Baxter, David Louis	Md.	B.S. 1946, Indiana College	Va.
A.B. 1947, St. John's University, New York		Beavers, James Allen	Va.
Baxter, Robert Eugene	Va.	B.S. 1949, Emory and Henry College	N.Y.
Baxtrum, George Peter	Wis.	Beavers, Oretta Lee	Ind.
B.S. 1941, Wisconsin State College, Superior		Bebar, Arthur Maurice	
Bayer, Annette S.	Va.	Beckhold, Russ Arthur	Ill.
Bayer, Frederick Merkle	Fla.	B.S. 1948, Indiana University	
B.S. 1948, University of Miami		Beckhold, Clemis Joseph	
Bayer, Jacob Werner	Mo.	B.S. 1950, The George Washington University	D.C.
Bayer, Martha Joanne	D.C.	Beck, Hugo Michael	
A.B. 1948, University of California			



# Students Registered

413

Beck, John Albert A.B. 1949, University of Tulsa	Mo.	Belin, Peter A.B. 1946, Yale University	D.C.
Beck, John Edward B.S. 1948, The George Washington University	Iowa	Belkin, Leonard B.M.E. 1953, Cooper Union	N.Y.
Beck, Orville Lee	Ind.	Bell, Alfred Michael B.S. 1949, Niagara University	N.Y.
Beck, Roberta Laura Becker, Arlene Berlin A.B. 1948, The George Washington University	N.J. Va.	Bell, Carl Donald A.B. 1946, A.M. 1947, University of Maryland	Md.
Becker, Donald Paul	Pa.	Bell, Charles William	D.C.
Becker, Elmore James	Va.	Bell, Clyde Lawrence, Jr.	D.C.
Becker, Eugene Joshua	N.Y.	Bell, Cooley Wood, Jr.	Md.
Becker, Henry Timothy	Conn.	A.B. 1947, Princeton University	
Becker, John Joseph B.S. 1935, United States Naval Academy	Va.	Bell, David Eugene	Md.
Becker, Joseph A.B. 1950, The George Washington University	D.C.	Bell, Donald Raymond A.B. 1948, College of Wooster	Kans.
Becker, Joseph Agula		Bell, Esther Stuart	Mich.
Becker, Robert Raymond	D.C.	Bell, Eugene Glen	Utah
Beckler, Seymour	Md.	Bell, Forrest Haratio	Va.
Beckman, Helen Vinall	D.C.	Bell, Henry Sander	Utah
Beckman, Seymour Ames	Maine	Bell, James Herbert	Va.
Beckner, Charles Douglas	N.Y.	Bell, Joseph Hudson	Va.
Beckwith, Marion Casey Ed.B. 1948, Rhode Island College of Education	Va. Md.	Bell, Julian Everett	Va.
Becraft, Clarence Edwin	Md.	Bell, Lloyd Franklin B.S. 1944, United States Naval Academy	Okla.
Bednar, Natalie	D.C.	Bell, Thomas Hooker B.S. 1939, United States Naval Academy	Calif.
Bednarz, Stanley Peter	D.C.	M.B.A. 1948, Harvard University	
Beebe, John Elliott, Jr. A.B. 1947, Municipal University of Wichita	Kans.	Bell, William Salisbury	Md.
Beebe, William Dow	Va.	Bellard, Joseph Michael	D.C.
Beeby, James Leonard	Md.	Bellamah, Frederick Joseph A.B. 1949, The George Washington University	D.C.
Beeler, Virginia Brian	Va.	Bellamy, William Edward	Ohio
Beeler, Robert Gilman	Fla.	Bellardo, Michael	N.Y.
Beeny, Peter Julius	Wis.	Beller, Margaret Anne	Md.
Beeny, Robert Eugene	Ky.	Bellin, Robert Lewis A.B. 1949, Norwich University	Conn.
Beer, Goldie	Pa.	Belliveau, Kenneth Raymond	N.J.
Beers, John Sturges	D.C.	Bellomy, Bruce Ben	Va.
Beese, Edward Thomas	Oreg.	Belmont, Mary Louise	N.Y.
Belachia, Romolo Richard	Mass.	Belmore, Daniel A.	Va.
Belay, Helen Louise	Pa.	Beloff, Philip	D.C.
Belay, Fern Eileen	D.C.	Belonofsky, Norman	D.C.
Bears, Robert Thomas	Va.	Belt, Alnora Mae	D.C.
Benoche, Cecile Margaret B.S. 1944, St. Joseph's College, Maryland	D.C.	Belt, Lloyd Kenneth	D.C.
Beh, Philip Carlisle, Jr.	Iowa	Belt, Osborn A.B. 1943, Allegheny College M.C.S. 1946, Dartmouth College	Md.
Behane, Mary Josephine A.B. 1922, Seton Hill College	Pa.	Belter, Ernest Harold	Wis.
Behrends, Wolfgang Friedrich Faculty of Law 1949, University of Göttingen, Germany	Germany	Beltz, Joseph Francis	W.Va.
Behrens, Nicklas Theodore	D.C.	Beltz, Roy Eugene	Md.
Behm, Joseph Andrew LL.B. 1949, The George Washington University	Ohio	Beltz, Eric Stuart	Va.
Beitel, Robert Joseph		Bennis, Cynthia Marshall A.B. 1944, Colorado College	Oreg.
Beitstern, Christian William	Md.	Benatch, Nina Libertas	D.C.
Beimford, Louis A.	D.C.	Bencomo, Joseph Manuel B.S. 1949, University of Maryland	Md.
Beiler, Julius Reginald A.B. 1948, Miami University	Ohio	Bender, Fred William, Jr.	Mont.
Beizens, Biruta Elvina A.B. 1948, University of Maryland	N.Y.	Bender, Janet Relia	Va.
Bekier, Fernie Elizabeth	D.C.	Bender, John Joseph	D.C.
Belcher, Carl William A.B. 1948, Duke University	R.I.	Bender, Marian Kay	Md.
Below, Raymond Fulton	Ky.	Benderly, Lenore Walter	D.C.
	Va.	Benedict, James Thomas	Ind.
		Benedict, Thomas Kelly	N.Y.
		Bennison, Ernest Raymond	R.I.
		Bennison, Karl Henry	N.Y.
		Bennett, Ali Rosai	D.C.
		Berham, William Josephus, Jr. A.B. 1950, East Central State College	D.C.

Benigsohn, Ivan Harold	N.Y.	Bergmann, Robert Theodore	Mo.
A.B. 1949, Long Island University		B.S. in E.E. 1943, University of Missouri	
Benjamin, Amelia	Md.		Va.
Benjamin, James Stanley	S.C.	Bergner, Mary Louise	Va.
Benjamin, Vernon Edgar	N.Y.	A.B. 1936, Bethany College	
Benner, Barbara Louise	Va.	Bergstresser, George Loring	
Bennett, Charles Michael	Pa.	A.B. 1949, University of Colorado	D.C.
Bennett, Donna Joy	Ill.	Bergstrom, Edward Henry, Jr.	Md.
Bennett, Elizabeth Slotter	D.C.	Bergstrom, Roger Heaner	Pa.
Bennett, Elsa	D.C.	Berish, Robert Martin	N.Y.
Bennett, Harry Bater	Md.	Berkan, Elvera Pfister	N.Y.
Bennett, Joan Kathleen	Pa.	Berkan, Leonard L.	
A.B. 1950, The George Washington University		B.S. 1949, The George Washington University	D.C.
Bennett, Ralph Berry	D.C.	Berkey, Josephine Ann	
Bennett, Richard Lontz	Md.	A.B. 1931, Indiana University	Md.
Bennett, Robert Laster	Miss.	Berkley, Brita Signad	D.C.
Bennett, Thomas Moss	Va.	Berliner, Hans Jack	D.C.
B.S. 1949, United States Naval Academy		Berlinsky, Louis	N.J.
Bennett, William Batchelder	Va.	Berman, Abraham William	
B.S. 1935, University of New Hampshire		B.S. 1949, Columbia University	Md.
A.M. 1936, Ph.D. 1941, Louisiana State University		Berman, Alvin Luther	
Benson, Carol Elason	Va.	A.B. 1937, L.L.B. 1939, Syracuse University	
Benson, Floyd W.	Calif.	LL.M. 1940, Harvard University	N.Y.
A.B. 1933, Stanford University		Berman, Hyman	
Benson, Harriette Miller	Va.	A.B. 1949, The George Washington University	Va.
Benson, Wilbur Earle	D.C.		Md.
Benson, William Ewell	D.C.	Berman, Milton	
Berdansky, Gerald	D.C.	Berman, Morris	
Berenson, Mendelle Tourover	D.C.	B.S. 1949, College of the City of New York	D.C.
A.B. 1950, The George Washington University		Berman, Stanford Warner	
Bereschak, Helen Louise	Pa.	B.S. 1950, University of Maryland	N.J.
A.B. 1947, University of Pennsylvania		Bernacki, Frances	
Beresford, Harry Edward, Jr.	Calif.	B.S. 1950, University of Maryland	Ohio
B.S. 1940, Oregon State College		Bernard, Eugene Louis	
Berg, George John	D.C.	A.B. 1949, Ohio State University	Va.
Berg, Louella Miller	D.C.	Bernard, Joseph Alfred	Fla.
A.B. 1950, The George Washington University		Bernard, Kenneth	
Bergen, Willis	D.C.	B.S. 1922, Massachusetts Institute of Technology	D.C.
B.D. 1922, San Francisco Theological Seminary		Berne, William	Md.
Berger, Bernard Nelson	D.C.	Berner, John Thomas	Pa.
Berger, Clair	D.C.	Bernhardt, Max Gchner	
B.S. 1950, Wilson Teachers College		Bernot, Joseph John	
Berger, Florence Bernice	Ill.	B.S. 1950, The George Washington University	D.C.
Berger, John William	Wash.	Bernstein, Alvin Socks	
A.B. 1943, University of Washington		A.B. 1950, University of Maryland	D.C.
Berger, Samuel Morris	Pa.	Bernstein, Charles Nathaniel	
Berger, Sidney	Md.	B.S. 1940, College of the City of New York	
B.E. 1942, Johns Hopkins University		M.S. 1950, The George Washington University	N.Y.
Berger, Stanley Elliott	D.C.	Bernstein, Michael Joseph Jesse	
Bergin, Judith Kent	Ohio	LL.B. 1930, LL.M. 1946, New York University	N.Y.
A.B. 1949, Carleton College			
Berglund, Ralph Vincent	Minn.	Bernstein, Miriam Hannah	D.C.
A.B. 1942, Concordia College, Moorhead, Minn.		A.B. 1949, Mount Holyoke College	D.C.
Bergman, Albert	D.C.	Bernstein, Norman	N.Y.
B.S. 1948, College of the City of New York		Bernstein, Philip Harris	Md.
Bergman, Melvin John	Va.	Bernstein, Stanley Bertram	Mo.
Bergman, William Hunter	D.C.	Berrett, Malcolm Ernest	
Bergmann, Frederick Louis	Ind.	Berran, Mae Adele	
A.B. 1937, Washburn Municipal University of Topeka		A.B. B.Mus., 1932, Bethany College	D.C.
A.M. 1939, State College of Washington		A.M. 1947, Stanford University	Md.
		Berio, Esther Maria	Ill.
		Berry, Arland Norwood	Ark.
		Berry, Jack Aloysius	
		Berry, Jack Vanarb	
		B.S. in M.E. 1946, University of Arkansas	

Students Registered

415

Berry, Orietta Catherine B.S. 1938, New Jersey State Teachers College, Newark A.M. 1941, Columbia University	Md.	Bice, Earl Russell, Jr. Bicknell, Beverley Ann Bidwell, Cloyce William Biegel, Mark Mandel A.B. 1944, The George Washington University	D.C. Idaho Va. D.C.
Berry, Robert Hahn Berry, Seymour Berson, Harold Ralph A.B. 1949, The George Washington University	Ohio N.Y. Nev.	Bien, Edith Leigh A.B. 1949, Randolph-Macon Woman's College	Md.
Berson, Seymour Arthur B.S. 1949, Tulane University	N.J.	Bienia, Walter John Bierbower, James Joseph B.S.S. 1947, LL.B. 1949, Georgetown University	Md. Nebr.
Berthold, Heinz Alfred Bertola, Hugo John A.B. 1948, University of Michigan	Ind. Mich.	Bierly, Jack Stealton A.B. 1941, Ed.M. 1942, University of Maryland	Md.
Bertram, Clarence Russell Bertram, Frieda Sturm Berulis, Martha M. Berzinia, Eleanor Mansfield A.B. 1949, Brown University	D.C. Va. D.C. Va.	Bierly, Robert Foust A.B. 1943, University of Maryland	Md.
Berzinia, John Joseph B.S. 1950, Brown University	Va.	Bierman, George Raymond Bigge, William Russell Birks, Joseph Daniel A.B. 1949, East Carolina Teachers College	Va. D.C. D.C.
Beauceney, Harold Charles B.S. 1947, Pennsylvania State Teach- ers College, Mansfield A.M. 1948, George Peabody College for Teachers	Pa.	Bignall, Bliss O., Jr. B.S. 1948, Georgetown University	Utah
Best, Lillian A.B. 1949, Hunter College A.M. 1948, The George Washington University	D.C.	Bikowsk, John Adam Bilanow, Alex A.B. 1949, Wayne University	Pa. D.C.
Beser, Naomi H. A.B. 1948, Columbia University	Md.	Bildman, Allene Bilinski, Chester Frank Biller, Charles Mayo Billheimer, Charles Stanley Billings, Mary Elizabeth B.S. 1942, University of Richmond	D.C. D.C. Va. D.C. D.C.
Best, Rudolph Besosa, Sheridan Esteban Bessman, Samuel Paul M.D. 1944, Washington University Best, Harold Lloyd A.B. 1949, The George Washington University	N.Y. Md. Md. N.Y.	Billingsley, Carolyn Virginia Billingsley, Charles Marion Billingsley, Hilda Ehlman Bills, DeWane Norman Bilmanis, Cerona Bilski, Albert Stanley Bilski, Clement Floyd Binkley, James William Binder, Albert Binder, Ann Margaret Binder, Samuel Henry Bingham, Laura B.S. 1945, University of Massachusetts A.M. 1950, New York University	Va. Ill. Md. Md. D.C. Pa. Pa. Md. D.C. Va. Iowa Mass.
Best, Lee James A.B. 1919, Duke University	N.C.	Binner, Janet Louise B.S. 1941, University of Pittsburgh A.M. 1947, University of Maryland	Pa.
Best, Walter Charles Bettendorf, Valerie Betta, Stanley A.B. 1949, American University	Va. Md. Md.	Binkley, Kathryn Mary Binney, George Thomas Birkner, Carl Joseph B.S. 1946, The George Washington University	Va. Mass. D.C.
Betzler, Anita Carpenter Betzler, John Richard Betzler, Robert Edward Beuchert, George Henry, Jr. B.S. in B.A. 1946, LL.B. 1949, Georgetown University	Va. Va. Va. D.C. Va.	Bird, James Frederick A.B. 1949, The George Washington University	D.C.
Beuermann, Elizabeth Jane B.S. 1951, University of Maryland	Va.	Bird, King D. B.S. in A.E. 1946, Rensselaer Poly- technic Institute	Md.
Beuermann, Herbert Talmadge B.S. 1943, University of Maryland	Va.	Bird, Martha Mower A.B. 1913, North Dakota State Teach- ers College, Minot	D.C.
Bevelacqua, Charles Angelo B.S. in M.E. 1947, University of Pittsburgh	Pa.	Bird, Paul Carlson Bird, Rosemary Sharkey Bird, William Potter A.B. 1943, Yale University Birdsall, Lucy Ellen A.B. 1950, University of Connecticut	Fla. Pa. Va. Conn.
Beveridge, Richard Alexander Bevitt, William Deatry Beyer, Elnora M. A.B. 1949, University of Michigan	Minn. Md. Mich.		
Beyer, Frederick Henry Bialek, Helen Mollie Bialek, Stanley Morris Bialek, Theodore Bisani, Adolph Paul B.S. 1949, The George Washington University	Va. D.C. D.C. Md. Pa.		
Bibolet, Roland Henry A.B. 1942, University of Arizona A.M. 1950, The George Washington University	Ariz.		



Birdsell, John Edmund	Md.	Blackwell, Louise Currin	D.C.
A.B. 1945, L.L.B. 1947, The George Washington University		A.M. 1950, East Carolina Teachers College	Iowa
Birdson, Lillie Whitlock	Va.	Blackwood, Freda C.	D.C.
Biren, Helen Leese	Md.	Blaesser, Willard William	
Birmingham, Alfred Nelson	R.I.	B.S. 1934, A.M. 1940, University of Wisconsin	Tenn.
Birmingham, Henry Patrick		Blair, Charles Robert	D.C.
A.B. 1943, Rhode Island College of Education		Blair, James Colbert	Mich.
Birmingham, Thomas Harlan	D.C.	Blair, Thomas Calvin	
Birnbaum, Eugene Albert	Ohio	B.S. 1947, University of Michigan	Md.
Birnbaum, George	N.Y.	Blake, Andrew Betz	Va.
A.B. 1941, Brooklyn College		Blake, Doris Sidney	
M.S. 1949, The George Washington University		A.B. 1950, Radcliffe College	Md.
Birnbaum, Henry	D.C.	Blake, Francis Edward	D.C.
A.B. 1945, A.M. 1946, New York University		Blake, Orlando William	
Birnbaum, Herbert	Md.	M.S. 1949, Syracuse University	Pa.
B.S. 1950, Johns Hopkins University		Blakemore, George Jefferson, Jr.	
Birnbaum, Irving	N.Y.	A.B. 1949, The George Washington University	Minn.
A.B. 1938, Brooklyn College		Blakemore, Lemuel Anthony	
Bisbee, Donald Mayo	Va.	B.S. 1940, University of Minnesota	
Bisceglia, Victor Ralph	N.Y.	A.M. 1949, The George Washington University	D.C.
A.B. 1940, Columbia College		Blakeney, Norbert Edmund	Vt.
Biser, Harry Calvin	Md.	Blanchard, Earl Harrison	N.H.
B.S. 1950, American University		Blanchard, Millard Lewis	D.C.
Bisgyer, Doris Rae	D.C.	Blanken, Joan Helen	N.Y.
Bisgyer, Edgar Maynard	Md.	Blankenheimer, Bernard	
Bishop, Alan Grayson	Va.	A.B. 1941, Brooklyn College	
A.B. 1948, The George Washington University		A.M. 1950, The George Washington University	Md.
Bishop, Christine Elizabeth	Miss.	Blankenship, James Delbert	D.C.
Bishop, Melvin Bailey	Miss.	Blankenship, Leroy Clifton	N.C.
Bishop, Ruth Cox	Va.	Blankenship, Mildred Louise	Va.
A.B. 1947, Davis and Elkins College		Blankenship, Rondal Clemens	
Biskar, Aaron	D.C.	A.M. 1950, West Virginia University	D.C.
Biskin, Allen Raymond	Md.	Blankenship, Virginia Lee	D.C.
B.S. 1950, University of Maryland		Blankstein, Mitchell	D.C.
Biskup, Louis	Va.	Blanz, James McCauley	
B.S. 1941, Springfield College		A.B. 1949, Bowdoin College	Md.
A.M. 1946, Columbia University		Blaser, John Frank	N.Y.
Bissell, Clara Diane	D.C.	Blashek, Marianne	Va.
Bisselle, Shirley Ann	D.C.	Blasi, Robert Roland	
A.B. 1950, Smith College		A.B. 1947, L.L.B. 1949, Rutgers University	Va.
Bisset, Alfred, Jr.	Md.		Va.
Bitner, Mary Catherine	Pa.	Blaska, Kenneth Errol	
B.S. 1946, Pennsylvania State College		Blatt, Joseph Duv	
Bizot, Hyland	N.Y.	B.S. in Eng., C.E. 1955, College of the City of New York	Va.
Bjorklund, Otto Edward	Minn.	Blatty, William Peter	
A.B. 1950, The George Washington University		A.B. 1950, Georgetown University	Md.
Bjorlo, Einar	N.Y.	Blaul, William Donald	
Black, Elizabeth Rosalie	D.C.	B.S. 1948, St. Francis College	Md.
Black, George LaDow	Md.	Blaustein, Saul J.	
B.S. in E.E. 1946, University of South Carolina		B.S.S. 1948, College of the City of New York	Pa.
Black, Mary Childs	Va.	Bleam, Harvey Alexandra	D.C.
A.B. 1943, University of North Carolina		B.S. in Ed. 1950, Wilson Teachers College	N.Y.
Black, Robert John	Ill.		D.C.
B.S. in Geol. Eng. 1949, Colorado School of Mines		Bleeker, David	Tenn.
Black, William Heath	D.C.	Blevins, Eugene Winford	N.C.
Black, William Lewis	Va.	A.B. 1942, King College	
Blackburn, Gregory James	Md.	Blevins, Hansel Herbert	
Blackford, Virginia Lee	D.C.	Blevins, Robert Lee	
B.S. 1949, American University		A.B. 1938, Milligan College	
Blackmer, John Phillip	D.C.	A.M. 1946, University of North Carolina	Md.
Blackstone, Harry Gregory	D.C.	Blick, Edward A.	Md.
Blackwell, Albert Turner	Md.	B.S. 1951, University of Maryland	
A.B. 1948, University of Maryland		Blickley, Leo Frederick, Jr.	
		B.S. 1950, University of Maryland	

# Students Registered

417

Bligen, Glenn Edward B.S.C. 1943, University of Iowa B.S. in F.S. 1947, Georgetown University	Iowa	Bodenman, Paul Sebastian	Wis.
Blitzstein, Ethel	N.Y.	Bodinger, Norman Barron	Va.
Blizzard, William Allport B.S. 1948, West Virginia University	Md.	Bodinsky, Helen	Pa.
Bloch, Joyce Edna	D.C.	Bodmer, Catherine Phillips	Va.
Bloch, Robert Oakleigh A.B. 1940, The George Washington University	Nebr.	B.S. 1946, Mary Washington College	Pa.
Blodgett, Norman Stack B.S. 1944, Worcester Polytechnic Institute	D.C.	Bodolus, Carl Theodore	Tex.
LL.B. 1949, The George Washington University		Boehl, Maurice Gohlke A.B. 1949, Agricultural and Mechanical College of Texas	N.Y.
Bloedorn, Helen May	Md.	Boehlt, Jessie Clara	Ohio
Blomgren, Janet Ione	Md.	Boehm, William Robert B.S. 1940, United States Naval Academy	Va.
Blondell, Jeanne Elizabeth	Md.	Boes, Rodenick Hans	D.C.
Blondes, Leonard Saul A.B. 1951, Western Reserve University	D.C.	Bosch, David Swaine	D.C.
Bloom, Eli Henry	Md.	Bosch, Philip Wendel	D.C.
Bloom, Jerome Philip B.S. in M.E. 1947, Wayne University	Md.	Boettcher, Henry Joachim	Md.
Bloom, Joseph A.B. 1949, Brown University	R.I.	Bogan, Joseph Barrows, Jr.	Ga.
Bloomingsburg, Gene Guy	Va.	Bogart, Kathleen Neely	Pa.
Blosser, Calvin Stewart	Pa.	Bogdan, Andrew	Va.
Blustein, Seymour	D.C.	Bogen, Robert William A.B. 1949, University of Pennsylvania	N.Y.
Blue, John Frederick B.S. 1948, University of North Carolina	D.C.	Bogen, William A.B. 1940, The George Washington University	D.C.
Blue, Mary Alice A.B. 1948, University of North Carolina	N.C.	Borle, John III	N.Y.
Bluestone, Abraham A.B. 1947, The George Washington University	D.C.	Borod, Abraham B.S. 1941, College of the City of New York	Pa.
Blum, Bernard Marvin	D.C.	Bogosian, John Sarkis	N.J.
Blum, Daniel B.M.E. 1946, College of the City of New York	N.Y.	Bopounoff, George Benjamin	Mich.
Blum, Fred G., Jr. B.S. 1950, University of Wisconsin	Wis.	Borgen, Josie Lucille	Pa.
Blum, Joseph B.S. 1940, College of the City of New York	Va.	Bohan, John Patrick	Pa.
A.M. 1948, The George Washington University		Bohan, Joseph James	D.C.
Blumberg, Beverly Gayle A.B. 1944, University of Southern California	D.C.	Boise, James William	M.I.
Blumberg, Herschel Wolf B.S. 1946, Georgetown University	D.C.	Boissacant, Mia	Canada
Blume, Adelaide	D.C.	Boissoneault, Loretta Lucy	D.C.
Blumenfeld, Isadore David B.S. in E.E. 1949, Case Institute of Technology	Ohio	Bussvert, Gerald Elroi	D.C.
Blumenkopf, Norman A.B. 1941, Brooklyn College	N.Y.	Boisvert, Harold Vincent Ph.B. 1940, University of Notre Dame	D.C.
Blumer, Emily Selma	Okla.	LL.B. 1947, Catholic University of America	
Bluston, Clarence Harry, Jr.	Va.	Boisvert, René Peter	Conn.
Boarman, William Eugene	D.C.	Boisvert, William Edward, Jr. A.B. 1947, University of Utah	D.C.
Boat, Marion Derrick A.B. 1950, University of Chicago	Va.	Bokelman, Donald J.	D.C.
Bobbitt, Buford A.B. 1948, Queens College	D.C.	Boklund, Gustaf Leonard	D.C.
Bobrick, Charles	N.C.	Boland, John William	Pa.
Bochitchio, Philip James	Va.	Boland, Timothy Eugene	Ill.
Boddie, Charles Edwin	N.J.	Bold, Zelda Don	Pa.
Boddy, Duane Wolfe	Ala.	Boldt, John Henry	D.C.
	D.C.	Bolenbaugh, Eleanor Mae	D.C.
		Boley, Robert Eugene	D.C.
		Bolger, Leslie Ralph	Va.
		Bolka, Robert William	D.C.
		Bollenbacher, Katharina A.B. 1934, A.M. 1936, University of Arkansas	D.C.
		Bollinger, Helen Marie	D.C.
		Bollinger, Howard Moore B.S. in E.E. 1943, M.S. in E.E. 1947, Massachusetts Institute of Technology	D.C.
		M.B.A. 1948, Harvard University	N.Y.
		Bollman, Robert Pleasanton	D.C.
		Bolton, Helen Hoxford	Md.
		Bolton, Melissa Dement	Mass.
		Bolton, Nancy Shaw A.B. 1948, Boston University	Mass.
		Bolton, Phyllis Lillian A.B. 1949, Bryn Mawr College	

Bolton, Vivian Reynolds A.B. 1950, The George Washington University	D.C.	Boron, Leo Francis B.S. 1944, A.M. 1946, University of Michigan	Mich.
Boltz, Donald Arthur	S.D.	Borosen, Bernard Aaron	N.Y.
Bommarito, Marcella Florence	D.C.	Borsa, Nicholas, Jr.	N.H.
Bonanno, Antonio Charles	D.C.	Borsos, Tibor	D.C.
Bonbrake, Patricia A.B. 1958, Butler University	Va.	Bortolussi, Hugo	Pa.
Bond, Edith Margaret	Fla.	Bortz, Clara Victoria	D.C.
Bond, Gorman Morton	Md.	Borysko, Emil A.B. 1940, Brooklyn College	N.Y.
Bondareff, Erwin Allen	D.C.	Borzilleri, Paul Thomas	Va.
Bondareff, William	Md.	Bosin, Leonard Albert	D.C.
Bonga, Bernese Marie	Minn.	Bosmans, Thomas Constantinus	Pa.
Bonham, Jane Eldon	Va.	Bossen, Sally Janet	D.C.
Bonilla, Lempira Eusebio	D.C.	Bostick, Benjamin Edward B.M.E. 1948, Clemson Agricultural College	
Bonis, Austin Jerome B.S. 1933, College of the City of New York		B.S. in E.E. Georgia Institute of Technology	
Bonnell, Virginia Y. Crosswhite	Mich.	Bostick, James Lynn	Ark.
A.B. 1943, Municipal University of Wichita		Bostick, Thurlay Louise Andrews A.B. 1946, The George Washington University	R.I.
Bonner, Josephine Elizabeth	Va.		Iowa
Bonnett, Leo Victor	D.C.	Bostwick, Don Phillip	Md.
A.B. 1937, University of Minnesota		Bostwick, Robert Edwin A.B. 1948, University of Alabama	D.C.
A.M. 1942, The George Washington University		Boswell, John Gordon	D.C.
Bono, Evert Lee, Jr.	D.C.	Botel, Basil	D.C.
Bonos, Loretta Eleanor	D.C.	Boteler, Charles Magdefrau, Jr. A.B. 1948, Haverford College	D.C.
Bonton, Kathleene Jefferson	Va.	Botko, Mary Anna	D.C.
Bonwit, Kenneth Stanley	D.C.	Bosner, John Jacob	Ky.
Boor, John Henry, Jr.	Md.	Bottemer, Gladys Delma	D.C.
Booker, David Carlton	Va.	Botten, Donald LeRoy	Pa.
Bookman, Irving	N.J.	Bottenheld, Richard Joe	Va.
A.B. 1940, New York University		Bottone, Patrick Francis B.S. 1947, Seton Hall College	D.C.
Boone, Aretas Cephas	Calif.	Bottorf, Sara Frances	Mich.
A.B. 1950, Stanford University		Bottum, John Lawrence A.B. 1948, Northern Michigan College of Education	Ind.
Boone, James Saunders	Calif.	Bolz, Eugene George	D.C.
A.B. 1950, University of California		Bouchette, Edward Motte, Jr.	Mass.
Boone, Marjorie Anne	Ill.	Boulay, Rene Andre A.B. 1950, The George Washington University	Va.
B.S. 1945, Northwestern University		Bouldin, Isabel Spotswood	D.C.
Boone, Thomas Hood	Md.	Bounty, Bruce Keith	D.C.
Boor, Samuel Vladimir	Md.	Bounty, James William B.B.A. 1950, University of Washington	D.C.
Booros, Louis James	D.C.	Bounous, Jenny Alice A.B. 1945, The George Washington University	Va.
Booth, Charles Theodore	Va.	Bour, William Vincent, Jr.	Md.
Booth, Florence Marjorie	Canada	Bourke, Anne Rosaleen B.S. 1937, University of Maryland	
Booth, William Moncure	Va.	M.S. 1949, The George Washington University	Va.
Bouty, Philip Cuthbert	Md.	Bourne, Hunter Carson B.S. in E.E. 1945, B.S. in I.E. 1947, Virginia Polytechnic Institute	Greece
Borchardt, Edward George B.E. 1945, Wisconsin State Teachers College, LaCrosse	Wis.	Bourouni, Nanda Panayota	D.C.
Borchardt, Owen Franklin	D.C.	Bourquin, Mary Aleda	D.C.
Borchersding, Brunilda Cumpiano	D.C.	Bouscaren, Nancy Margaret	D.C.
Borchersding, Earl William A.B. 1950, The George Washington University		Bouterse, Doris Evelyn A.B. 1950, Wake Forest College	Va.
Borczynski, Henry Ferdinand	Conn.	Bouton, Kathleene Jefferson	Va.
Benders, Glenn Houghton	Mass.	Bouvier, Jacqueline Lee	D.C.
Borel, Paul Arnold B.S. in C.E. 1914, University of Kansas	Va.	Boves, Howard Ralph B.S. 1950, The George Washington University	Va.
M.B.A. 1938, Harvard University		Bové, Kathryn Hawkins	
A.M. 1941, Columbia University			
Borelli, Francis Aristide	D.C.		
Borelli-Mueller, Elise	Denmark		
Borger, Joel Arthur	D.C.		
Borghu, Angelo Vincent	Pa.		
Boriotta, Joseph	N.Y.		
Borkowski, Walter Aloysius	N.J.		
Borowasser, Robert Lewis	Md.		
Bornmann, Carl Louis	D.C.		
Bornstein, Irwin Seymour	N.Y.		



Boward, Lawrence Mark		Boyle, Wayne	D.C.
Bowen, David	D.C.	Bozeman, Florence Marilyn	Md.
A.B. 1948, The George Washington University	Va.	B.S. 1948, M.S. 1950, University of Maryland	
Bowen, Donald Eugene	Mont.	Bozovich, Antoinette	Md.
Bowen, Leonard Earnest	D.C.	Bozkurt, Mehmed Adnan	D.C.
Bowen, Lois Green	D.C.	Bozzonetti, Henzo Tino	D.C.
A.B. 1935, American University		Bracken, Norris Oberlin	N.D.
Bowen, Marjorie Percy	D.C.	Bracken, Anne Engle	D.C.
A.B. 1924, Goucher College		B.S. 1948, University of Maryland	
A.M. 1934, Columbia University		Bracken, Jim Tom	Tex.
Bowen, Robert Julian	D.C.	A.B. 1948, Hardin-Simmons University	
Bowen, Thales, Jr.	D.C.	Bracken, Leath Mason	Va.
A.B. 1949, The George Washington University		Bradford, Baxter McNeal, Jr.	D.C.
Bowen, Verna Sarah	Utah	Bradford, Carl Lawrence	Va.
Bower, Dorothy Mae	Mich.	Bradford, Ralph Gordon	Va.
Bowersman, Arthur Wycott	Va.	Bradlee, Jean Saltonstall	Md.
Bowers, Arthur Lewis	N.Y.	Bradley, John Grover	Nev.
B.E. 1948, College of the City of New York		Bradley, Richard Homer, Jr.	Va.
Bowers, Richard Simpson	D.C.	Bradt, Joseph V.	Va.
A.B. 1950, The George Washington University		Bradway, Malcolm Strode	Ind.
Bowers, Willard Myron	D.C.	B.S. in M.E. 1948, Purdue University	
Bowie, Vivian Cummings	Md.	Brady, Arthur Manning	N.H.
Bowler, John Andrew, Jr.	D.C.	Brady, Bernard Alexander	D.C.
A.B. 1949, The George Washington University		Brady, Edwin Titus	Md.
Bowler, Mary Cecilia	Va.	Brady, Lucille	Md.
B.S. 1931, University of Virginia		Brady, Michael Joseph	Md.
Bowles, Joseph Luckett	D.C.	B.S. 1949, Pennsylvania State Teachers College, Kutztown	
Bowles, Shelley Meredith	Md.	Brady, Neal Caldwell	Calif.
Bowling, Frances Hazel	Va.	B.S. 1947, Western Reserve University	
Bowling, James Walter	W.Va.	Brady, Thomas Anthony	Mo.
Bowling, Martha Elizabeth	Md.	Bragan, Richard Larry	Va.
Bowly, Lawrence Vaughan	D.C.	A.B. 1949, The George Washington University	
B.S. 1950, American University		Brahin, Frederick Arnold	D.C.
Bowman, Leslie Eugene	S.D.	Brain, Mary Ellen	D.C.
Bowron, Frank Lloyd	Wyo.	A.B. 1948, Hood College	
Boysa, Carl	Md.	Brakenfeld, William Gene	D.C.
B.S. 1940, College of the City of New York		Brakke, Evert Joseph	S.D.
Boyatzoglou, Themis	D.C.	B.S. 1941, University of South Dakota	
Boyce, David Barry	Md.	Braley, Gerald Neal	Md.
Boyce, Richard John	Iowa	Bram, Bert	D.C.
Boyd, Frank John	Va.	Brame, Oleta	Fla.
Boyd, Harold John, Jr.	Va.	Brame, Victor, Jr.	D.C.
Boyd, Harold Loomis	Va.	Bramlette, Lee Clinton, Jr.	Tex.
Boyd, Helen	Va.	A.B. 1950, The George Washington University	
Boyd, Milton Alexander	D.C.	Branch, Billy Hugh	Tenn.
B.S. 1950, State College of Washington	Ohio	Branch, Elizabeth Helen	Conn.
Boyd, Patricia E.		Branch, Edward George	D.C.
Boyd, Thomas Henry	D.C.	Brand, Albert William, Jr.	D.C.
Boyd, Tobias J.	Md.	Brand, John Sibley	D.C.
Boyer, Joan Zelda	Va.	Brandenburger, Eugenia	Va.
Boyer, John Alton	Mass.	Brandenburger, Elise Ann	Va.
A.B. 1948, The George Washington University	Md.	B.S. 1949, The George Washington University	
Boyer, Richard Malcolm	W.Va.	Brandler, Harry Marum	D.C.
B.M.E. 1943, Cooper Union		Brandon, Ronald Dean	D.C.
Boylan, Vincent DePaul	Va.	Brandt, Buell Fromer, Jr.	Md.
B.B.A. 1940, Manhattan College		Brandt, John Nicholas	Mo.
Boylard, Paul Maurice	Md.	Brandt, Lawrence Nelson	D.C.
Boyle, Barbara Jane	N.Y.	B.S. 1950, University of Maryland	
A.B. 1947, Scranton University	Pa.	Brandt, Robert Duncan	Va.
LL.B. 1949, Georgetown University		A.B. 1949, University of Virginia	
Boyle, John Theodore	Pa.	Brann, Robert Joseph	D.C.
Boyle, Leota Bernadette	D.C.	Brannock, Virginia-Lucille	Iowa
Boyle, Virginia Allison	N.Y.	Brant, Mary E.	Pa.
		Brashear, Victoria Michael	D.C.
		Brasington, Clayton Furman, Jr.	N.C.
		Brassel, William Samuel	D.C.

Brastow, Jerome Duryea A.B. 1949, The George Washington University	D.C.	Brentlinger, John Weeks A.B. 1948, The George Washington University	Va.
Brancher, Charles Landis B.S. 1947, Philadelphia College of Pharmacy and Science	Md.	Breslaw, Joseph B.S. 1946, University of Notre Dame	Colo.
A.M. 1949, University of Nebraska		Brewer, George Weldon B.R.Ed. 1933, Atlantic Union College	Md.
Braucher, Jane Elliott	Md.	Ed.M. 1947, Boston University	Va.
Brauer, Walter John	N.J.	Brewer, Glenna Faye	Ohio
Braun, William Baumert	N.J.	Brewer, Harry Lee	N.Y.
B.S. 1941, United States Naval Academy		Brewer, Joseph Daniel	Md.
Brauner, Dorothy Caroline	Md.	Brewer, Robert George A.B. 1948, Hamilton College	Va.
Brauning, Helen Jane	D.C.	Brewster, Mary Sandford	
Braunstein, Isaac	N.Y.	LL.B. 1950, The George Washington University	D.C.
Braunstein, Norman W. A.B. 1935, University of Minnesota	D.C.	Breyton, Alain McMillan	N.J.
B.S. 1937, Loyola University		Breza, Edward John	Va.
Brawner, Edgar Newlon, Jr.	D.C.	Brice, John Eldred	Mich.
Braxton, Leon Edgar	Va.	Brice, Noma Reid A.B. 1928, A.M. 1937, University of Michigan	Va.
Bray, Lucile Keeton	Miss.	Brickles, David Elwyn	Va.
Bray, Ruth Marie	Ohio	Brickner, Kenneth Gerard	Iowa
Brayton, Mary Lou	D.C.	B.S. 1949, Niagara University	
Breach, John Olaf	Va.	Brideson, William Emerson	Va.
Bready, Emily Galt A.B. 1923, Columbia University	Va.	Bridge, Edward William	Va.
Bready, George Galt	Md.	Bridges, Lillian Titus	Ky.
Brecht, Harold Marvin	D.C.	Brieske, Linus John	D.C.
Brearley, Grace Lady	D.C.	Briggs, Francis Gifford	D.C.
Breck, John Robert A.B. 1950, The George Washington University		Briggs, Georgia R.	Mo.
Breedon, Townsend Dean	D.C.	Briggs, Margaret Ann	
Breeding, Robert Burton	Ky.	Briggs, Robert Glen	
A.B. 1944, Transylvania College		Briggs, William Owen, Jr. B.S. 1949, University of Missouri	D.C.
Breen, James Michael	Md.	Brigham, Larue Elizabeth	N.C.
Breen, Mary Margaret	D.C.	Briley, Doris Louise	Pa.
A.B. 1949, Catholic University of America		Brill, Anne Marie	D.C.
Bregman, Morton	Va.	Brill, Mary M.	D.C.
Breher, William Russell A.B. 1948, Michigan State College	Mich.	Brimer, Alan Anthony A.B. 1950, University of Maryland	N.C.
M.S. 1949, University of Michigan		Brimley, Ralph F.W. B.S. 1928, North Carolina State Teachers College, Winston-Salem	
Breitmayer, Peggy M.	D.C.	A.M. 1940, University of North Carolina	Va.
Breitung, Amelia	N.D.		
Bremer, Frederick Godfrey B.S. 1948, University of Notre Dame	D.C.	Brinkmeyer, Robert Herman A.B. 1935, Ohio State University	Ill.
Brendler, Ivan Bernard	D.C.	Brinks, Henry Lure A.B. 1948, Wheaton College	D.C.
B.S. 1950, University of Maryland		Brinks, Jean Oliver	N.C.
Brenman, Henry Stephen	N.J.	Brinson, Milton Wilkerson	Md.
B.S. 1950, The George Washington University		Brish, William Murray A.B. 1928, Franklin and Marshall College	
Brennan, Carolyn B.S. in H.E. 1939, University of Texas	Tex.	A.M. 1942, Columbia University	Calif.
Brennan, Francis Xavier	N.Y.	Bristall, James Dodge	Md.
Brennan, James Joseph	Pa.	Brett, Randolph	Mass.
Brennan, Robert James A.B. 1948, The George Washington University	Va.	Brettan, Emily Ruth	Va.
Brennan, Robert Lester	Nebr.	Britten, Cynthia Connell	Pa.
Brennan, William Francis B.S. 1949, University of Scranton	Pa.	Britten, Edward Basil	D.C.
Brenneman, Melvin Luther	Md.	Brynnelham, Irene Catherine	N.J.
Brenner, Daniel Campbell	Fla.	Bottle, David Field, Jr.	
Brenner, Joseph Frank A.B. 1934, University of Newark	N.J.	Britton, George Henderson A.B. 1949, Miami University	Md.
Brenner, Sonia B.S. 1949, Kansas City Junior and Teachers College	Md.	Britton, Kath George	Mo.
		Britton, Mary Martha	Ga.
		Broach, George Edgar A.B. 1948, University of Georgia	Md.
		Broadbent, Frank Clifford	Pa.
		Brobst, Donald George	Va.
		Brock, Ava Nell	

Brock, Fenelon A. B.S. 1935, United States Naval Academy	Va.	Brotzen, Franz-Richard B.S. 1950, Case Institute of Technology	Ohio
Brock, James Ward B.S. 1944, United States Naval Academy	N.J.	Broude, Arlene Andry Broughton, Thomas Gibson, Jr.	Minn. Va.
Brodahl, Thorolf Asbjorn Broderick, Robert Joseph	Md. Va.	Broussard, Rebecca Bennett Browder, Frances Elizabeth	La. D.C.
B.S. 1944, Northeastern University		Brower, William Sanders	Va.
Brodie, Loy Hall, Jr. B.S. 1950, The George Washington University	D.C.	Brown, Agnes Marie A.B. 1949, The George Washington University	Mich.
Brodinsky, Janu Lerner	D.C.	Brown, Alice Frances	D.C.
Brody, Alfred Lawrence B.S. in E.E. 1946, Northeastern University	Mass.	Brown, Alice Knowles B.S. 1950, The George Washington University	D.C.
Brody, Arthur Lionel	N.Y.	Brown, Alma Phillips A.B. 1946, Limestone College	Va.
Brody, Leonard Harry	N.Y.	Brown, Ann Barnett A.B. 1947, Hunter College	Md.
Brody, Marion Bethel	Md.	Brown, Barbara Jane	Va.
Broce, Charles Burton A.B. 1938, De Pauw University	Va.	Brown, Ben Locke	Ky.
M.S. 1949, Oklahoma Agricultural and Mechanical College		Brown, Benjamin Franklin	Md.
Broendum, Arne Christian Master's Degree 1948, University of Copenhagen	D.C.	Brown, Bert Norman	N.M.
Broen, Martha Mae	Va.	Brown, Bonita Beryl	Minn.
Bromer, Cynthia Diana	D.C.	Brown, Carl Franklin B.S. 1949, Ohio State University	Md.
Bromell, John Bowker	D.C.	Brown, Caroline Thwing	Md.
Bromley, John Richard B.S. 1934, United States Naval Academy	Md.	Brown, Christopher Kungsley	Va.
Bronaugh, Alfred Taylor B.E.E. 1939, J.D. 1949, LL.M. 1950, The George Washington University	D.C.	Brown, Crawford Southwell A.B. 1946, Kenyon College	D.C.
Bronaugh, John Reeder B.S. in M.E. 1947, Virginia Polytechnic Institute	D.C.	M.D. 1948, University of Michigan	D.C.
Bronder, Irma Mary		Brown, Curtis Leslie	D.C.
Bronstein, Max Wilfred	Pa.	Brown, Daniel A.B. 1948, The George Washington University	N.Y.
Brook, Robert Arnold	D.C.	Brown, Donald Arthur A.B. 1949, The George Washington University	D.C.
Brookbank, La Mont Atwood	N.Y.	Brown, Doris Blandena A.B. 1950, The George Washington University	N.C.
Brooke, Alban Emerson	D.C.	Brown, Duval Campbell	Md.
Brooks, Fanny Lee A.B. 1946, Randolph-Macon Woman's College	Md. Va.	Brown, Edward John A.B. 1948, Muhlenberg College	Pa.
Brookins, Walter DuBois, Jr. A.B. 1937, Harvard University	Va.	Brown, Elsie Mio A.B. 1949, The George Washington University	D.C.
Brooks, Andrew Louise	N.C.	Brown, Eric Davison B.S. 1949, Pennsylvania State College	Va.
Brooks, Basil Claxton	Ky.	Brown, Eugene Earl	Pa.
Brooks, Charles Leon, Jr.	Neb.	Brown, Frank David	D.C.
Brooks, David	D.C.	Brown, George Edward B.Ed. 1945, Wisconsin State Teachers College	Va.
Brooks, James Fogleson A.B. 1949, Marshall College	W.Va.	M.S. 1947, University of Colorado	
Brooks, Marjorie Viola	Va.	Brown, Harvey Lloyd, Jr. B.S. 1948, United States Military Academy	Va.
Brooks, Phillip Austin	Vt.	Brown, Helen Marceon	D.C.
Brooks, Phillip Henry	Va.	Brown, Helen Whitehead A.B. 1946, Vassar College	Ill.
Brooks, Randall	Va.	Brown, James Chester	N.Y.
Brooks, Samuel Hyman B.S. 1949, University of Maryland	Md.	Brown, James Robert	D.C.
Brooks, Virginia Lou	D.C.	Brown, James White, Jr.	Va.
Brooks, William Allen, Jr.	Md.	Brown, Jane Elizabeth A.B. 1949, Oberlin College	N.Y.
Brooks, William Bernard, Jr.	Md.	Brown, John Evans	Kans.
Brooks, William I.	N.Y.	Brown, Joseph Mason, Jr. B.S. 1948, The Citadel	S.C.
Broom, Bert Washington	Va.	Brown, Laura Readey	D.C.
Broom, Milton Thomas, Jr.	D.C.	Brown, Lee Betty	Md.
Brotman, Martin F. Edelrock	D.C.	Brown, Lois Merritt	D.C.
Brotzen, Francis Rowley A.B. 1947, The George Washington University	D.C.		



Brown, Lucie Elkin Scott	Va.	Bruce, Carlton Henry	Pa.
A.B. 1938, Randolph-Macon Woman's College		B.S. 1928, Pennsylvania State College	Mass.
Brown, Margaret Gould	Va.	Bruce, Charles Warren	Md.
Brown, Martin John	Ark.	Bruce, Dorothy A.	D.C.
B.S. in Ch.E. 1948, Purdue University		Bruce, James Crawford	Md.
Brown, Mary Catherine	D.C.	Bruce, Tracey Kirtz, Jr.	D.C.
Brown, Mary Lee Peck	D.C.	Bruffey, Albert Henry	D.C.
Brown, Maude D.	Ark.	Brugioni, Dino A.	
A.B. 1948, The George Washington University		A.B. 1947, A.M. 1948, The George Washington University	Va.
Brown, Milton Henry	Va.	Bruin, Mackall Virginia	Va.
A.B. 1937, University of Pittsburgh	D.C.	Brumbaugh, Frances Smither	D.C.
Brown, Munnice Ray	N.J.	Brumbaugh, Heber Byron	
Brown, Morris	Va.	B.S. 1920, United States Naval Academy	Iowa
Brown, Muriel Eileen	D.C.	Brumble, David Albert	D.C.
Brown, Oril Irene	Va.	Brunauer, Sandor	
B.S. 1940, Northwestern University	D.C.	LL.D. 1928, University of Pecs, Hungary	Va.
Brown, Patricia Louise	La.	Bruner, Grace Elizabeth	Md.
Brown, Raymond	D.C.	Bruner, Rachel Alice	Md.
B.S. 1939, New York State Teachers College, Buffalo		Brungart, Robert Raymond	
A.M. 1948, The George Washington University		B.S. in F.S. 1949, Georgetown University	Va.
Brown, Robert Alden	D.C.	Brunner, Gerti Landauer	
Brown, Robert Allan	Md.	A.B. 1948, University of California	Md.
Brown, Ronald Lawson	Va.	Brunner, Robert Otis	
Brown, Susan Noble	Calif.	A.B. 1948, Oberlin College	Conn.
A.B. 1932, Bryn Mawr College		Bruskin, Leo	
Brown, Thomas Cameron	Md.	A.B. 1949, The George Washington University	Va.
Brown, Thomas Marion	Va.	Bruss, Otto Henry	Md.
Brown, Verlyn Elizabeth	Va.	Brust, George A.	D.C.
Brown, Vincent Charles	D.C.	Brust, Noramay Trittipoe	Va.
Brown, Virginia Luella	Mo.	Bruton, Sally Ann	Va.
Brown, Wallace Edmund	Mass.	Bryan, Ferguson Beach	
A.B. 1949, University of Maine		B.S. 1919, United States Naval Academy	D.C.
Brown, Winifred Carobel	Ga.	Bryan, Henry Eugene	Md.
B.S. 1948, University of Virginia		Bryan, James Edward	
Brown, Winthrop Woods	D.C.	B.S. 1945, M.S. 1946, Virginia Polytechnic Institute	Ark.
A.B. 1950, Amherst College		Bryan, Jean	Md.
Browne, Anna Mae	W.Va.	Bryan, Madgeleen Cole	Pa.
A.B. 1937, American University		A.B. 1948, University of Maryland	
A.B. 1938, Shepherd State Teachers College		A.B. 1946, Bethany College	D.C.
Browne, David Myron	Ohio	Bryan, Nellie Jane	Md.
A.B. 1947, Denison University		Bryan, Ralph H.	Va.
Browne, Francis Cedric	Va.	Bryan, Raymond Joseph	Ga.
A.B. 1936, University of Akron		Bryan, Truman Grove	Fla.
Browne, Harry Langworthy	Va.	Bryant, Bennice Morgan	
Browne, Joan Mae	D.C.	Bryant, Jack Leroy	
Browning, Milton Ronald	D.C.	Bryant, Kenneth Alexander	Mo.
Browning, Edmund Lewis, Jr.		B.A.E. 1948, University of Florida	
A.B. 1917, The George Washington University		Bryant, Ralph Lee	D.C.
LL.B. 1940, Harvard University		B.S. 1949, University of Missouri	Ohio
Browning, Francis Gerard	Md.	Bryant, Robert Singleton	Va.
Browning, Frank H.	Wash.	Blyner, Joyce Louise	N.C.
B.S. 1946, University of Washington		Bryson, Patricia Ruth	
M.S. 1946, California Institute of Technology		Bryson, Woodrow	
Brownlee, Donald Curtis	W.Va.	A.B. 1950, University of North Carolina	D.C.
Brownson, Ernest Matland	N.J.	Bina	Va.
Brownson, Robert Henry	Va.	Brzozowski, Edmund Joseph	Fla.
B.S. 1948, John Carroll University		Bues, Dominick Anthony	Md.
M.S. 1950, The George Washington University		Buchanan, Beverly	D.C.
Brownstein, Herman	D.C.	Buchanan, Daniel Crump, Jr.	
Brox, Beverly Hite	Va.	Buchanan, David Phillips	Ark.
Brox, James William	Va.	M.D. 1948, University of Buffalo	
Brox, Richard Francis	Wash.	Buchanan, Katherine Donnell	D.C.
Bruce, Albert Cabell	Md.	A.B. 1946, Tulane University	Md.
A.B. 1949, Colgate University		Buchholz, Edward Walter	N.J.
		Buchmann, Brigitte Klara	
		Buchsbaum, David Jule	

Students Registered

423

Buck, Donald Alden	Conn.	Bultman, John Dale	Ill.
Buck, Henry Hichborn	D.C.	B.S. 1950, The George Washington University	
Buck, Miriam	N.Y.	Bumgardner, Edward Larrick	Va.
Buckberg, Albert	Calif.	A.B. 1948, The George Washington University	
A.B. 1947, The George Washington University		Bunch, John Sever	Va.
Buckberg, Morton	D.C.	Bunce, Irving	N.J.
Buckler, James Leonard	Va.	B.S. 1914, United States Naval Academy	
A.B. 1944, The George Washington University		LL.B. 1940, The George Washington University	
Buckley, Daniel John	D.C.	Bunker, Dorothy Elizabeth	Ill.
Buckley, Mary Ella	Va.	A.B. 1938, Park College	
B.S. 1942, University of Virginia		Bunker, Joseph Baldrige, Jr.	Md.
Buckley, Robert Baldwin	Va.	B.S.E. 1958, The George Washington University	
B.S. in Eng. 1949, The George Washington University		Bunnell, Mabel Angela	Mass.
Buckley, Rush, Jr.	Va.	Bunten, Elizabeth	D.C.
Buckman, William Boyd	D.C.	A.B. 1940, The George Washington University	
B.S. 1947, University of Maryland		Bunting, Clyde Ellis	D.C.
Buckmaster, George Walton	Pa.	Bunting, Warren John	N.J.
Buckmaster, Robert Bruce	D.C.	Buonomo, Rivalia Mercedes	Puerto Rico
Buckner, Jon Ferrell	Canada	Burak, Stanley	Pa.
B.S.A. 1945, University of Saskatchewan		Burch, Caroline Sue	Va.
Buckner, William Coles	Md.	Burch, James Franklin	N.C.
Bucy, Charles Andrew	D.C.	Burchard, Kathryn Anne	N.J.
Budd, Philip Joseph	Mo.	A.B. 1950, The George Washington University	
Budz, Henry Richard	Mass.	Burdett, Melvin	D.C.
Bueg, Emily Josephine	N.Y.	Burdette, Alta Hamilton	Va.
Buell, Douglas Maxwell	D.C.	B.S. 1933, Virginia Polytechnic Institute	
Buell, Floyd Clarence	Calif.	Burdette, Frances Ryan	Va.
Buell, Harold Lloyd	Iowa	Burdette, James Feltor	Va.
Buerkens, Bruce Quist	Iowa	B.S. in Ed. 1946, Virginia State Teachers College, Fredericksburg	
Buetner, William Robert	N.Y.	Burford, Frank Page	Va.
A.B. 1949, Dartmouth College		Burge, Betty Lou	Mo.
Buffalopide, Homer Joe, Jr.	Okla.	Burges, Miel Day	Md.
Buffo, Frank Anthony	Md.	B.S. 1927, University of Maryland	
Buffum, Fenwick Noble	Va.	A.M. 1937, Columbia University	
B.S. 1933, Middlebury College		Burger, Joel Arthur	N.Y.
Bugala, John Anthony	N.H.	Burgess, Eileen Elizabeth	Mo.
Buhl, John Maurice	D.C.	Burgess, George Milan	D.C.
Buhrman, Lloyd William	Va.	Burgess, Herbert Earl, Jr.	Va.
A.B. 1919, A.M. 1941, Washington University		Burgess, Maurice Cornelius	Va.
Buttendag, Aletta Wilhelmina	South Africa	Burgess, Neenah Alma	Mo.
Butron, Ernesto Ortiz	Peru	Burgess, William Homer	Va.
Agricultural Engineer 1949, National College of Agriculture, Lima, Peru		Burgher, Vincent Wymond	D.C.
Bull, Kenneth Laroy	D.C.	Burgoff, Lillian	N.Y.
Bullard, Aaline Margaret	Md.	Burke, Edgar Douglas	N.Y.
A.B. 1949, The George Washington University		B.S. 1934, Syracuse University	
Buller, Raymond J.	Mass.	Burpy, Myrtle Estess	D.C.
B.S. 1945, M.S. 1944, Michigan State College		A.B. 1949, Hunter College	
Bullie, William Francis	Md.	Burhan, Cynthia Constance	Va.
B.S. 1924, United States Naval Academy		Buck, Carl Eugene	Pa.
Ballock, Frederick Allyn	D.C.	Buck, Paul William, Jr.	D.C.
A.B. Kent Alan	Calif.	Buck, Priscilla Fern	Mo.
A.B. 1949, University of California		Burke, Leon Harry	D.C.
Ballock, Robert Graham	Va.	Burke, Calvin Roscoe	D.C.
A.B. 1950, Johns Hopkins University		Burke, David Mortimer	Va.
Ballock, Theodore	D.C.	B.S. 1946, University of Virginia	
A.B. 1949, A.M. 1950, The George Washington University		Burke, David William, Jr.	Md.
Ballogh, Dorothy Bunes	D.C.	Burke, Donald Edward	Va.
B.S. 1948, The George Washington University		Burke, Edward Dismore	Tex.
Ballogh, John Frank	D.C.	B.S. 1950, North Texas State Teachers College	
Balman, Grace M.	D.C.	Burke, Edridge Glenn	D.C.
B.S. 1924, Columbia University		Burke, George Ascherton	Va.
		Burke, Joan Ellen	D.C.

Burke, Joseph	Pa.	Buser, Elizabeth Anne	D.C.
Burke, Kenneth Stanley	D.C.	A.B. 1948, The George Washington University	Ind.
Burke, Marian Elaine	D.C.	Bushnell, Richard	Md.
Burke, Thomas Joseph	Va.	B.S. in M.E. 1948, Purdue University	Md.
Burke, William Driscoll	Va.	Bushong, Herman Leslie, Jr.	Fa.
Burkert, Alfred, Jr.	Va.	Busick, James Gilbert	Va.
Burkert, Gloria Dorothea	Va.	B.S. 1933, University of Maryland	Va.
B.S. 1947, New Jersey State Teachers College, Jersey City		Busits, Louis Frank	Va.
Burkert, Harry Joyce, Jr.	Va.	Busits, Theresa Mary	Md.
Burkett, Raymond Maxwell	D.C.	Bussey, George Prentice	
Burks, Craighill Stoner	Va.	Bussey, Howard Emerson	
B.S. 1941, Hampden-Sidney College		A.B. 1943, The George Washington University	Md.
Burks, George Edward	D.C.	Bussink, Gregory John, Jr.	D.C.
Burks, Kenneth Everett	D.C.	Bustamante, Miguel Enrique, Jr.	D.C.
Burleigh, Katherine Louise	D.C.	Butkus, Carl John	
Burman, John Richard	Md.	B.S. 1940, The George Washington University	Md.
Burman, Robert Allen	Ohio	Butler, Bruce, Jr.	D.C.
A.B. 1950, Yale University		Butler, Charles Edward	Va.
Burnell, Joseph A.	D.C.	Butler, Charles Robert	Tenn.
Burnet, Arthur Russell	N.Y.	Butler, Claude Lee	Miss.
A.B. 1932, Oberlin College		Butler, Louis Dampier	Va.
Burns, Bland Calvin	Va.	Butler, Raymond Kenneth, Jr.	
B.M.E. 1950, The George Washington University		A.B. 1948, University of Richmond	Calif.
Burns, David M.	Md.	Butler, Richard Frank	Md.
B.B.A. 1916, University of Texas		Butler, Thomas Edward	N.J.
Burns, Edward Joseph	D.C.	Butler, Thomas Francis	
Burns, Francis Henry	Fa.	B.S. 1950, Georgetown University	D.C.
Burns, Robert Emery	D.C.	Butler, William Powers	Ohio
Burns, Robert Joseph	Mass.	B.S. 1940, Georgetown University	
Burns, Robert Samuel	D.C.	Butter, Charles	Md.
Burns, Thomas William Edward	W.Va.	B.S. 1950, Western Reserve University	D.C.
Burns, Walter Wilson, Jr.	N.Y.	Butt, Minerva Alice	
B.E.E. 1942, Cornell University		Buttermore, Mildred Knight	Ga.
LL.B. 1940, The George Washington University		A.B. 1910, Texas Christian University	Pa.
Burnside, Harry Jay	N.Y.	Buttimer, John Francis	Va.
Burnside, Waldo Howard	Md.	Buttopietto, David Ralph	Alaska
B.S. 1940, University of Maryland		Butts, Arthur Laverne	
Burr, William Norvell	D.C.	Butts, Chauncey Lee	Va.
Burrington, Dale Eugene	Md.	B.S. 1949, American University	P.C.
Burris, Robert Eugene	Ill.	Butts, Lee Garland	Ohio
Burroughs, Donald Earl	Ill.	Buttz, Grover, Jr.	
B.S. in C.E. 1941, Tri-State College		Buyarowicz, Stella M.	
Burroughs, George Aloysius	D.C.	B.B.A. 1945, Western Reserve University	Va.
Burroughs, Martha Jane	Va.		Kans.
Burrow, Rhea Morgan	Tenn.	Buzzell, Robert Dow	
A.B. 1937, Transylvania College		Byer, Neil Warren	
LL.B. 1950, The George Washington University		A.B. 1948, A.M. 1949, University of Missouri	Conn.
Burrow, William Gordon	D.C.	Byer, Seymour	Md.
Burset, Anne J.	N.J.	Byrne, Hope Elizabeth	
Burson, Edna Ruth	Miss.	B.S. 1947, Rhode Island State College	Va.
Burt, June Dolores	D.C.	M.S. 1950, University of Maryland	
Burtis, Marjorie Jean	D.C.	Byrne, Michael Joseph	
A.B. 1946, Western Maryland College		A.B. 1949, The George Washington University	Md.
Burton, Charles Junior	D.C.	Byrne, Robert James	Pa.
Burton, George, Jr.	N.J.	Byrnes, Robert Bogardus	
B.S. in Met. Eng. 1950, Virginia Polytechnic Institute		B.S. 1958, United States Naval Academy	D.C.
Burton, Henry Ferdinand	Conn.	Byron, Goodloe Edgar	D.C.
Burton, Lester Ross	Va.	Byron, James Edgar	
B.S. in F.S. 1950, Georgetown University		A.B. 1949, Princeton University	D.C.
Burton, Racy Mary	D.C.	Byron, William Devereux	D.C.
Burwell, Ann Hutton	D.C.	Bytniewska, Barbara Frances	Va.
Busby, Andrew Lyttleton	Miss.	Bywater, Maurice John	
A.B. 1942, Mississippi College		A.B. 1948, The George Washington University	
Busch, Inez Lorraine	N.Y.		
B.S. 1949, University of Rochester			
Busck, Albert August	D.C.		



Cable, Joseph L.	C		
Cadana, Armino Branco Mendes		D.C.	
LL.B. 1940, Niterio Faculty of Law, Brazil		Brazil	
Caddell, Robert Bruce		N.J.	
Cadden, Thomas Herschel		Va.	
Cade, George Newton, Jr.		Va.	
B.S. 1933, A.M. 1935, University of Arkansas			
Caffes, Peter James		Md.	
Caffrey, James Anthony		Pa.	
Caffrey, Mary Margaret		Pa.	
Caflich, Frank Albert		Wis.	
A.B. 1950, The George Washington University			
Cafritz, Calvin Robert		D.C.	
Cagle, Harry		Ill.	
M.B.A. 1947, Harvard University			
Cagle, Sherman Clinton		Va.	
Cagliostro, Frank Michael		N.Y.	
Cahan, Jules Isaac		D.C.	
B.S. 1949, The George Washington University			
Caherty, Eileen A.		Md.	
Cahill, Alice		Va.	
Cahill, Helen R.		D.C.	
B.S. 1928, Iowa State College of Agriculture and Mechanic Arts			
Cahoon, Lilian Adelaide		D.C.	
Cain, Billy Wayne		D.C.	
Cain, Cecile T.		Va.	
A.B. 1925, Davis and Elkins College			
Cain, George Donald		D.C.	
Cain, John Wallace		Va.	
Cain, William Bell		D.C.	
Cain, William Morris		Ind.	
Caine, Michael Harris		D.C.	
A.B. 1950, Oxford University, England			
Caire, Eligio John		N.Y.	
Cajigas, Paul Anthony		D.C.	
Calarco, Annette Mary		D.C.	
Caldwell, Edward Richard		D.C.	
Caldwell, James Neely, Jr.		S.C.	
A.B. 1948, LL.B. 1950, University of South Carolina			
Caldwell, Madelyn Davis		Va.	
Caldwell, Margaret		Va.	
A.B. 1950, The George Washington University			
Caldwell, Wilfred Gene		Ind.	
B.S. in E.E. 1945, M.S. in E.E. 1948, Purdue University			
Calhoun, William Harper		W.Va.	
Calika, Hursid		Turkey	
Degree in Political Science 1940, University of Ankara, Turkey			
Calikins, Cecile Edward		Md.	
Calikins, Howard Daniel, Jr.		Va.	
Callaghan, Frances Goddard		D.C.	
Callahan, Joanne Scott		D.C.	
Callahan, John Francis		N.Y.	
Callahan, John Joseph		Pa.	
Callahan, Martha Anne		Tenn.	
A.B. 1949, The George Washington University			
Callahan, Thomas Joseph, III		Pa.	
Callan, Bernard Aloysius		Va.	
Callander, Ann Deeley		Md.	
Callander, Chester Lee		Md.	
A.B. 1940, University of California			
Callander, Donald Bruce		Minn.	
Callaway, Joseph Esterling		Ark.	
Callaway, Mariella McCown		Okla.	
Callow, John Henry		D.C.	
Calloway, James Richard		Del.	
Calnan, Mary Elinor		Va.	
Calomeris, George		D.C.	
Calow, Paul Emerson		Va.	
B.S. 1944, University of Minnesota			
Calvani, Mario		Mass.	
A.B. 1948, A.M. 1949, Boston University			
Calverley, Wesley Skilton		Va.	
B.S. 1937, United States Military Academy			
Calvert, Arthur Keith		Md.	
Calvert, Sallie Moore		N.C.	
A.B. 1950, University of North Carolina			
Calvin, Charles Joseph		Pa.	
Camacho-Torres, Gilberto		Puerto Rico	
A.B. 1951, University of Puerto Rico			
Camarot, Henry Jules		N.C.	
Cambozos, Nicholas Michael		Conn.	
Camelio, Joseph Albert		N.Y.	
Cameron, Archie Enos		D.C.	
B.S. 1941, Ferris Institute			
Cameron, Betty Jean		D.C.	
Cameron, Frank Conevery		Pa.	
A.B. 1932, University of Michigan			
Cameron, Joan Marie		Va.	
Cameron, John William		D.C.	
A.B. 1949, The George Washington University			
Cameron, Robert Curry		D.C.	
B.S. in E.E. 1947, Purdue University			
Camfield, Thornton John		Md.	
Cammer, Margaret Ann		Va.	
B.S. 1948, M.S. 1949, The George Washington University			
Camp, Glen Darwin, Jr.		Md.	
Camp, Victor William		Md.	
Campaena, Ignatius Edward		Va.	
Campana, Ambrose Ralph		Pa.	
A.B. 1947, Pennsylvania State College			
Campana, John Paul		Pa.	
B.S. 1947, Pennsylvania State Teachers College, Mansfield			
Campbell, Anne Barrand		D.C.	
Campbell, Arthur Bernard, Jr.		D.C.	
Campbell, Barbara		Va.	
Campbell, Charlene Esther		Okla.	
Campbell, Charles Edwin		Ky.	
Campbell, Charles Frederick		N.J.	
A.B. 1949, The George Washington University			
Campbell, Charlotte Catherine		Va.	
Campbell, Catha Anne		D.C.	
Campbell, Donald Allen		Idaho	
Campbell, Donald Hugh		Conn.	
Campbell, Francis Meryl		Va.	
B.S. 1949, Pennsylvania State Teachers College, Indiana, Pa.			
Campbell, Francis Walter		R.I.	
Ed B. 1946, Rhode Island College of Education			
Campbell, H. Theresa		Va.	
Campbell, Ione		D.C.	
A.B. 1931, University of Arkansas			
Campbell, James Franklin		Ariz.	
Campbell, James Joseph		D.C.	
Campbell, James Leonard		Md.	

Campbell, Joel Max	Ala.	Carlin, Mary Margaret	Pa.
Campbell, John Eames	Md.	A.B. 1931, Susquehanna University	Md.
Campbell, John Howard	D.C.	Carlin, Maury Theodore	Va.
Campbell, John Keith	D.C.	Carlin, Sara Perine	D.C.
Campbell, Margaret Elizabeth	Va.	Carlin, Vincent Anthony, Jr.	Md.
Campbell, Mita Jean	Va.	Carlner, Louis Elliot	Va.
Campbell, Patricia Joan	D.C.	Carlisle, Patricia Anne	Mass.
Campbell, Paul Calvin	Md.	Carlson, Carl Arthur	
A.B. 1938, Ed.M. 1939, Pennsylvania State College		B.S. 1938, Tufts College	
Campbell, Richard Glenn	Nev.	A.M. 1941, Boston University	Iad.
Campbell, Robert Alexander, Jr.	N.J.	Carlson, Carl Glen	Md.
Campbell, Sheila Elizabeth	D.C.	Carlson, Claire Mae	D.C.
Campbell, William Arlin	Tenn.	Carlson, Dorothy Sandison	
Campbell, William Leslie	D.C.	B.S. 1936, Northwest Missouri State Teachers College	Md.
Campo, Victor Charles	D.C.	Carlson, Herbert Donald	Md.
A.B. 1948, The George Washington University		Carlson, Howard Kenneth	
Canada, Thomas Clinton	Va.	A.B. 1949, The George Washington University	Nev.
Canady, William James	N.Y.	Carlson, Maryjo Suverkrup	
B.S. 1946, Fordham University		A.B. 1948, The George Washington University	Neb.
M.S. 1950, The George Washington University		Carlson, Neva Albertina	Md.
Canafax, Everett Daniel	Ky.	A.B. 1946, University of Omaha	
Candby, Medford Parr, Jr.	D.C.	Carlson, Randolph Adair	D.C.
Candleano, Paul Joseph	Md.	A.B. 1948, Brown University	
Cannon, Gerald	D.C.	Carlton, Harry Nelson	
Cannon, John Andrew	Md.	B.S. 1949, The George Washington University	Va.
Cannon, William Bernard	Va.	Carmichael, William Edward	Tenn.
Ph.B. 1947, A.M. 1949, University of Chicago		Carne, William Benton	
Cantini, Humbert John, Jr.	N.C.	B.S. 1941, University of Tennessee	D.C.
Cantlon, Robert Jerry	Mo.	Carney, John Edward Patrick	Cal.
A.B. 1949, William Jewell College		Carney, Marabeth Anne	N.Y.
Cantor, Bernard Jack	N.Y.	Carnivale, Caroline	N.Y.
B.M.E. 1949, Cornell University		Carof, Sybil Phyllis	Ohio
Cantor, Neil Jay	D.C.	Caron, Anna Mae	Va.
Cantrell, James Muir	D.C.	Carpenter, Agnes Proffitt	
Cantwell, Frank Michael	Ohio	A.B. 1945, De Pauw University	N.C.
B.S. 1949, Georgetown University		Carpenter, Clarence Alfred	D.C.
Carry, Owen Joseph	D.C.	Carpenter, Edwin John, Jr.	Va.
Canilla, Guido John	Mass.	Carpenter, Frank Ansell	
Capel, Marie Watkins	Va.	Carpenter, Ivan	Va.
Capell, Lucienne	Va.	B.S. 1947, University of Georgia	
Capelli, Joseph Thomas	D.C.	Carpenter, Jessie Catherine	Md.
B.S. 1941, University of Missouri		B.S. 1941, University of Virginia	
Caplan, Joel Bernard	D.C.	Carpenter, Richard Edison	
A.B. 1949, State University of Iowa		A.B. 1945, Dartmouth College	
Caplan, Dorothy H.	D.C.	A.M. 1946, Columbia University	N.Y.
A.B. 1949, The George Washington University		Carpenter, Robert Dollar	Ky.
Capone, Aristide	Md.	Carpenter, William Otis	
Capp, John Walter	N.J.	A.B. 1950, The George Washington University	Md.
B.E.E. 1950, The George Washington University		Carpenter, Patrick Louis	Va.
Cappello, Giacomo	N.Y.	Casper, Crystal Marie	Mass.
Caradon, Frank	N.Y.	Carpino, Salvino Francis	D.C.
Caracciolo, Francis Samuel	D.C.	Carpio, Manuel Masleto	N.Y.
Caraco, Frank Louis, Jr.	Va.	Carr, Clifford Cheetam, Jr.	D.C.
Carballo M. Caridad Mercedes	West Indies	B.S. 1950, University of Pennsylvania	Ga.
Carbounear, Richard Williams	D.C.	Carr, Edward Dunlea	Mo.
Carliano, Ferdinand Sebastian	Md.	Carr, George Lafayette	Cal.
Candy, George James	D.C.	Carr, Max Wayne	
Carey, James Milford	Va.	Carr, Robert Addison	Md.
A.B. 1950, Lafayette College		B.S. 1952, Ohio State University	Md.
Carey, John Frank	Minn.	Carr, William Ellsworth	
A.B. 1947, Macalester College		Carr, William Hoyt	N.Y.
Carey, Marjorie Lucia	Mass.	B.S. 1940, Furman University	Ky.
Carex, Patrick Francis	N.H.	Carrara, Daniel Anthony	D.C.
Carlin, John Francis	Va.	Carrier, Craig	D.C.
Carlin, John Thomas, Jr.	Ala.	Carnere, Gladys Alveen	
B.S. 1950, University of Alabama		Carroll, Joel	



Carroll, Mary Josephine	Tenn.	Casey, John Brendan	D.C.
A.B. 1931, Maryville College		Casey, John Hugh	Va.
A.M. 1948, The George Washington University		Casey, John Joseph	Pa.
Carroll, Richard Stephen		Casey, John Michael	Md.
Carroll, Robert Mackin	Mass.	Casey, Lloyd Bernard	Mass.
A.B. 1938, Dartmouth College	Mass.	Casey, Margaret Mary	Md.
Carroll, Thomas Theodore, Jr.		A.B. 1930, Seton Hall College	
Carroll, Virginia Des	S.C.	Ed M. 1932, Rhode Island College of Education	
Carson, William Joseph, Jr.	Ala.	A.M. 1945, Middlebury College	
Carson, Arthur Naeole	D.C.	Casey, Timothy James	D.C.
B.S. 1944, California Institute of Technology	N.M.	Cash, James Barrett	Ariz.
M.S. 1950, The George Washington University		Cash, V. Meredith	D.C.
Carson, Frederick Richard		A.B. 1948, Meredith College	
Carson, Martha Yarrington	Va.	Cashatt, Vanchie Lorraine	Va.
Carson, Mary H. B.	D.C.	Cashman, Robert William	Pa.
A.B. 1929, University of New Hampshire	N.H.	Caslin, James Michael	D.C.
Carson, Ray Mason		Cassedy, Edward Spencer, Jr.	Md.
Carson, Rennis Earl	Md.	B.S. 1940, Union College	
Carter, Anne Barley	Pa.	M.S. 1950, Harvard University	
A.B. 1949, Florida State University	Fla.	Cassidy, James Donald	D.C.
Carter, Champ Stuart		Cassidy, Robert William	D.C.
Carter, Darrell Denmeade		B.S. 1949, St. Joseph's College	
A.B. 1949, The George Washington University	D.C.	M.S. 1951, University of Notre Dame	D.C.
Carter, Edward Pendleton	Ill.	Cassidy, Sally Ann	Mich.
M.S. 1936, University of Maryland		Cassin, Vernon	
Carter, Elizabeth Carsey	Md.	A.B. 1941, Wayne University	
Carter, Helon Russell		Cassity, Donn Edward	Utah
Carter, Janet Gordon	D.C.	A.B. 1950, The George Washington University	
Carter, Jennie Malin	D.C.	Castel, Byron David	Ark.
B.S. 1941, University of Louisville	Md.	A.B. 1935, University of Texas	
Carter, Mason Carlton		M.D. 1941, Harvard University	
Carter, Myrtle Helen	Va.	M.P.H. 1949, Johns Hopkins University	
Carter, Patricia Ann Murphy	Va.	Caswell, Adele Lambert	D.C.
Carter, Retha Gould	Va.	Caswell, Alice B.	D.C.
Carter, Robert Edward	D.C.	Caswell, Robert Little	Calif.
B.S. 1942, Davidson College	Va.	B.S. 1939, University of California	
Carter, Russell Kenneth		Catalan, Elena Josefina	D.C.
Carter, Thomas Nelson	Va.	A.B. 1942, Dunbarton College of Holy Cross	
B.S. 1950, American University	D.C.	Cataldo, Cornelia Malone	D.C.
Carter, Thomas Victor		Cataliamo, Nathan Joseph	Md.
Carter, William Joseph	Va.	Cates, Ann Willis	D.C.
A.B. 1949, The George Washington University	Va.	Cattell, Betty Ruth	D.C.
Carteret, George Minor		A.B. 1950, University of Kansas	
Cartwright, Bernice Ann	D.C.	Caulfield, Donald John	N.Y.
Carulli, Leonard	D.C.	Caulfield, Samuel Joseph	Va.
A.B. 1949, The George Washington University	Mass.	Causey, Gordon Wallace	D.C.
Caruso, Lawrence Robert		Cavagrotti, Victor John	Va.
A.B. 1949, L.L.B. 1950, The George Washington University	N.J.	Cavalier, Dorothy Michael	D.C.
Caruthers, Leo Thomas, Jr.		Cavallaro, Vilma Antonette	N.Y.
Caruthers, Theresa Carolyn	Ala.	Cavallo, Anthony Joseph	Ariz.
Carvalaj, Alfred M.	Va.	A.B. 1939, Lafayette College	
Carvellas, Georgia	N.Y.	Cavallo, Dolores Hastings	D.C.
Carvellas, Jennie Nicholas	D.C.	A.B. 1947, The George Washington University	
Carvellas, Perry	D.C.	Cavalo, Guido Anthony	D.C.
Carver, John Thomas, Jr.	D.C.	A.B. 1950, The George Washington University	
B.S. 1950, Virginia Polytechnic Institute	Va.	Cavanagh, Charles Joseph	Ill.
Carver, William Franklin		Cavanagh, John Edward	Ohio.
Cary, George Lee, Jr.	Conn.	A.B. 1941, University of Oregon	
A.B. 1949, University of Maryland	Md.	J.D. 1949, The George Washington University	
Casale, John Peter		Cavanagh, Thomas Edward, Jr.	Ill.
Casanova, Arturo Ynocencio III	Calif.	Cavaneas, Allen LeRoy	Ind.
Casey, Ann Donnelly	D.C.	A.B. 1949, Southern Illinois University	
Casey, James Edward	Oreg.	Cave, George William	Pa.
	Va.	Cebollero, Manuel	Puerto Rico



Cecchetti, Mario Eugene	Pa.	Chang, Richard I-Feng	China
Cedarblade, Jack Robert	Va.	A.B. 1943, St. John's University, Shanghai, China	
A.B. 1942, University of Denver	D.C.	LL.B. 1940, De Paul University	
Cederstrand, Carl Nelson	D.C.	LL.M. 1940, The George Washington University	D.C.
Celenza, Josephine Mary	N.J.	Chang, Sinley Kong Yuen	
Cella, Richard Edwin	Md.	Ph.B. 1925, Yale University	
Cesala, Roland Peter	Md.	A.M. 1926, Columbia University	Pa.
Cesanton, Julia Harwood		Chanin, Alvin Meyer	Mich.
A.B. 1934, The George Washington University	Md.	Chapin, Barbara Adams	
Cerda, James John	N.Y.	A.B. 1949, Smith College	D.C.
Cerf, Fred Robert		Chaplin, Donald Clemens	Va.
A.B. 1949, New York University	D.C.	Chaplin, Harvey Reese, Jr.	Va.
Cerick, Peter Aull	Va.	Chapline, Claudia	Va.
Cerny, Libuse		Chapman, Allison Dean	Va.
A.B. 1938, University of Texas	D.C.	Chapman, Charles William	Mo.
Cerny, Raissa	N.Y.	Chapman, Ernest Eugene	
Cerra, Arthur Joseph	N.J.	B.S. in F.S. 1948, Georgetown Uni- versity	Md.
Cerstock, Milan Stephen		Chapnick, Phyllis Lee	D.C.
A.B. 1950, The George Washington University	D.C.	Chapper, Frank Morris	Va.
Cervantes, Robert Martinez		Chappuis, Cyril K.	
A.B. 1949, The George Washington University	N.Y.	B.S. in I.E. 1928, Tri-State College	N.J.
Chace, Dean William		Chapulis, Mildred	Pa.
B.S. in Eng. 1951, Princeton Uni- versity	D.C.	Charles, Frederick Isaac	Pa.
Chaconas, Frances	D.C.	Charles, George James	Md.
Chacos, Anthony	D.C.	A.B. 1950, University of Pennsylvania	Va.
Chacos, Maria George	D.C.	Charles, John	Va.
A.B. 1940, The George Washington University	D.C.	Charlwood, Patricia Gale	Pa.
Chacos, Nicholas George		Charlwood, Reginald Edward	D.C.
B.M.E. 1950, The George Washington University	D.C.	Charnes, Leah	D.C.
Chad, Seymour Walter		Charubas, James John	
A.B. 1948, University of California at Los Angeles	D.C.	Chase, George	
Chadwick, Anne	D.C.	A.B. 1948, The George Washington University	
Chakeres, Anita	D.C.	M.S. in L.S. 1950, University of Illinois	D.C.
Chakeres, Jimmy	D.C.	Chase, Herbert Lemoine	Pa.
Chakeres, Pauline George	D.C.	Chase, Marjory Ruth	Md.
A.B. 1949, College of William and Mary		Chase, Robert Thompson, Jr.	
Chakores, Pete	D.C.	Chase, Ruth Judith	
Chamberlain, John Matlock	D.C.	A.B. 1945, The George Washington University	Va.
Chamberlain, Joseph Francis	D.C.	Chasev, Harry Lewis	
Chamberlain, Nelson Horatio, Jr.	Md.	B.S. in Ed. 1944, Rutgers University	Va.
Chambers, Alex Holton	Md.	Chasnov, Bernard	
A.B. 1950, Westminster College		B.S. 1939, M.S. in Ed. 1940, College of the City of New York	Va.
Champagne, Maurice Anthony	La.	Chason, Aubrey Thelmon, Jr.	D.C.
B.S. 1931, Louisiana State University		Chassan, Jacob B.	
Champion, William Ray	Md.	B.S. 1939, College of the City of New York	
A.B. 1948, Hardin-Simons University	Calif.	A.M. 1949, The George Washington University	Okla.
Chan, Sun Loy	N.J.	Chastain, Billy Fed	Va.
Chance, Anthony Nicholas	S.C.	Chatelan, Diane Louise	D.C.
Chandler, Archibald Lee		Chatlin, Gerald Morris	N.Y.
A.B. 1950, The George Washington University	S.C.	Chatrnuck, Stephen	Ill.
Chandler, Helen		Chaufournier, Roger Amedee	
Chandler, Herbert George	Neb.	A.B. 1947, Sorbonne University	Mich.
Chasler, Joseph Merritt, Jr.	Va.	D.E.S. 1949, Oxford University	
Chasey, Albert Lon, Jr.	Md.	Chauvette, Louis Michael	D.C.
Chancey, Elizabeth Anne	D.C.	A.B. 1949, Catholic University of America	
A.B. 1948, Hood College	Va.	Chavez, Ambrosio Felipe	Mass.
Chaney, Clarence Melvin	D.C.	A.B. 1950, University of Washington	D.C.
Chaney, James William		Chavoor, Shirley Therrien	
A.B. 1949, Catholic University of America	D.C.	Chaves, Antonio Handler	D.C.
Chaney, John Lester, Jr.		A.B. 1949, Radcliffe College	Va.
Chang, Chien-Chung	China	Chedzia, Maria Katherine	Md.
A.B. 1933, National University of Peking		Checkoway, Abraham	
		Cheesman, George LeRoy	

Students Registered

429

Cheevers, Mary Elizabeth	N.Y.	Choumenkovitch, Milena Mia	D.C.
Cheevers, Philip Charles	N.Y.	Chow, Chen	China
A.B. 1950, Manhattan College		B.S. 1937, Chio Tung University,	
Cheezum, Helen Alberta	Ma.	China	
B.S. 1945, Maryland State Teachers		Chow, Dong Lin	D.C.
College, Salisbury		Chow, Dorothy Wei	China
Chen, Sung Chiao	D.C.	Chramiec, Alexandra Wanda	Va.
Cheng, Hanz Sheng	China	A.M. 1940, The George Washington	
A.B. 1948, Tsing-Hwa University,		University	
Peiping, China		Chramiec, Andrew	Va.
Chenault, Joe Young	La.	C.E. 1924, Ecole National Supérieure	
Chenoweth, Erwin Clark	Mo.	Aeronaut, Paris, France	
Chenoweth, Edwin J.	Tex.	Christeller, Norman Lee	D.C.
Cheruchin, Paul	N.Y.	A.B. 1943, Oberlin College	
A.B. 1947, University of Michigan		Christensen, Clarence Peter	Ma.
Cherry, John Claxton, Jr.	Va.	Christensen, Earl	Mont.
Chertoff, Mitchell	N.Y.	A.B. 1943, University of Montana	
Chertok, Leonard	Pa.	Christensen, Eugene M.	S.D.
Chervensak, John	D.C.	A.B. 1948, Yankton College	
B.S. in E.E. 1934, Carnegie Institute		M.S. 1950, University of Wisconsin	
of Technology		Christensen, Hal Merrill	D.C.
Cherew, Stanley	Mass.	Christensen, Merton Aubrey	Ma.
A.B. 1949, LL.B. 1950, The George		A.B. 1940, College of William and	
Washington University		Mary	
Chester, Daniel Edward	Tex.	A.M. 1950, University of Maryland	
Chester, Lillian Lorene	Va.	Christenson, William Newcome	Fla.
B.S. 1940, University of South Dakota		M.D. 1948, Johns Hopkins University	
Chester, Emory Willard	Va.	B.S. 1949, University of North Caro-	
A.B. 1948, Western Maryland College		lina	
Chesney, Daniel Roger	N.Y.	Christman, Leonard D.	Okla.
Chesner, Annabelle Johnnie	D.C.	Christian, Walter	N.J.
A.B. 1948, Baldwin Wallace College	Va.	Christiansen, Fred Kiargaard	Nebr.
Chestnut, Warren Lynnwood	D.C.	B.S. 1917, Midland College	
Chevalier, Douglas Henry	N.Y.	Christie, Edward Ashby	Mass.
Chewer, Leslie	Va.	Christie, Peter	Mass.
B.S. 1950, American University		Christofferson, Robert Edward	D.C.
Chewung, Wilfrid Jane	Va.	Christoph, Kathryn Helen	D.C.
Chid, Daniel Kezwin	Ma.	Christopher, Donald John	N.Y.
Chids, Eleanor Fay	W.Va.	Christopher, Eldon Washington	Va.
Childs, James Thornton	Va.	B.S. 1926, College of William and	
Childs, Josephine Catherine	D.C.	Mary	
Childs, Richard Leo	N.Y.	Christopherson, Bruce Jerome	Wis.
Chin, Robert	D.C.	Christopherson, Olaf Warren	Minn.
A.B. 1949, The George Washington		A.B. 1946, LL.B. 1950, The George	
University		Washington University	
Ching, Donald Dai Heong	Hawaii	Christovak, Charles George	Pa.
A.B. 1948, University of Hawaii		Christovak, Stanley Martin	Pa.
Chinn, Ruby	Calif.	Christy, Francis French	Pa.
Chipp, Marcia Ann	Va.	Chruskies, Joseph E.	D.C.
Chippendale, James Ellsworth	Calif.	Chu, David	N.Y.
Chiswick, Persephone	D.C.	Chu, Isao White	China
Chiswick, Albert Edward	Pa.	Chu, Kung Che	China
Chiswick, Robert Loren	Ma.	A.B. 1947, National Institute of	
Chiswick, Joe Daniel	D.C.	Political Science, Nanking, China	
A.B. 1949, The George Washington		Chubb, Philip Darrow	Calif.
University		B.S. 1947, University of California	
Choate, Warren Lester	Va.	at Berkeley	
B.S. 1949, Washington and Lee Uni-		M.B.A. 1950, Harvard University	
versity		Choi, Wong	Hawaii
Chesley, Jack Robert	Pa.	B.S. 1948, Lehigh University	
B.S. 1948, West Virginia University		Chudom, Pauline Greenberg	Ma.
Chesola, Richard Ralph	Pa.	Chud, Martin James	R.I.
Chesser, Royce Morrison, Jr.	D.C.	Chudzik, Adeline Celia	N.Y.
A.B. 1950, Brooklyn College	N.Y.	Chudzik, John Stephen	N.Y.
Chesley, John Marjan	D.C.	A.B. 1948, LL.B. 1950, The George	
Chesner, Allan Isadore	Ma.	Washington University	
E.D. 1937, Pennsylvania State College		Chung, Bo Song	Fla.
Chouinard, Edward L.	D.C.	B.S. 1950, American University	
A.B. 1949, Montana State University		Chung, Han Puy	D.C.
Chouinard, Raymond Ovide	D.C.	Church, Wm. Adelbert	Fla.
		A.B. 1948, LL.B. 1950, The George	
		Washington University	

Church, Lloyd Eugene	Md.	Clark, Raymond Dykes	D.C.
A.B. 1942, West Virginia University		B.S. 1948, University of California	
D.D.S. 1944, University of Maryland		at Los Angeles	Del.
Church, Maury Curtis	Va.	Clark, Robert Elliott, Jr.	Calif.
Churchill, Morton Vincent	D.C.	A.B. 1951, Dickinson College	
A.B. 1941, The George Washington		Clark, Robert Johnson	
University		B.S. 1942, United States Coast Guard	
Ciarrocca, Louis, Jr.	N.J.	Academy	Md.
Ciatto, Santo Joseph	D.C.	Clark, Roland Ellis	Ill.
Clavarr, Vincent Alexander	N.J.	Clark, Ruth Rosalind	Pa.
Cleone, Pasquale	N.J.	Clark, Sarah S.	Va.
Cifelli, Armand	N.J.	Clark, Sylvia Chelgren	
Ciplett, Richard Steven	Va.	B.S. in Ed. 1943, Mary Washington	
A.B. 1950, University of Chicago		College	D.C.
Cilento, Robert Frank	N.J.	Clark, Victoria Chaapel	
Cimokowski, Edwin William	Pa.	B.S. 1927, Columbia University	Ga.
Cincirpini, Dominick	Va.	Clark, William Bert	Md.
B.S. 1950, University of Pittsburgh		Clark, William Giddings	D.C.
Ciska, John Edward	Iowa	Clark, William Richard	Va.
Cisna, Frances Lathrop	D.C.	Clarke, Addison	Va.
B.S. 1950, The George Washington		Clarke, James Brent	D.C.
University		Clarke, Lewis Lynn	
Cissel, John Patrick	D.C.	Clarke, Phillip Charles	
Citak, Eleanor Dorothy	Ohio	B.S. in M.E. 1938, University of	D.C.
A.B. 1949, Western Reserve Uni-		Oklahoma	
versity		Clarke, Roy Slayton, Jr.	Va.
Citrenbaum, Bernard Francis	D.C.	A.B. 1949, Cornell University	
Citrenbaum, Phyllis Estelle	D.C.	Clarke, Thomas McTyghe	
Ciuffreda, Yolanda	D.C.	A.B. 1948, The George Washington	N.Y.
Cizek, James Francis	Md.	University	Md.
Claffy, Kathleen Helen	D.C.	Clarke, Wilma Phyllis	N.Y.
B.E.E. 1948, University of Minnesota		Claus, Gwendolyn Ruth	Va.
Clancey, John Douglas	Ohio	Clause, William Freeman	D.C.
Clancey, John Thomas, Jr.	Md.	Clay, Harry Clifton	D.C.
Clancy, Philip Christopher	N.Y.	Clay, James Powell, Jr.	D.C.
Clanton, Samuel Macon, Jr.	Va.	Clayton, Christopher Sudlow	Pa.
Clardv, William Weldon	S.C.	Cleary, Jeanne Audrey	D.C.
Clark, Belvia Elaine	Va.	Cleary, Rita Agnes	D.C.
A.B. 1946, The George Washington		Cleary, Suzanne Elizabeth	Va.
University		Cleaver, William Frank	Va.
Clark, Boswell Johnson, Jr.	Va.	Cleek, Given Wood	D.C.
Clark, Buell H.	D.C.	Cleland, John David	
B.S. 1942, West Virginia University		Clem, Ellen Louise	D.C.
Clark, Charles Henry	Iowa	A.B. 1950, American University	D.C.
Clark, Charles Robert, Jr.	N.Y.	Clemens, Dorothy Nace	Pa.
B.S. 1939, United States Naval		Clement, Charles Bennett	D.C.
Academy		Clemente, Antoinette Geraldine	Va.
Clark, David Sherman Rockwell	D.C.	Clements, John Everett	D.C.
Clark, Donald Lewis	Va.	Clements, Mary Will	Va.
Clark, Dorothy Jeanne	D.C.	Clements, Jesse Peter	Va.
B.S. 1946, Wilson Teachers College		Cleveland, Stanley Russell	
Clark, George Henry	Md.	Clewlow, Carl William	
B.S. 1940, The George Washington		A.B. 1949, The George Washington	Ind.
University		University	Tenn.
Clark, George Ordway	Va.	Clewlow, John Clinton	
Clark, James Farrell	Md.	Clifford, Marvin B.	
Clark, James Leonard	Ga.	A.B. 1950, The George Washington	Tex.
Clark, James Salisbury	N.Y.	University	
Clark, Jenny Chaapel	D.C.	Clift, Robert Morris	D.C.
Clark, Jerome Leslie	Md.	A.B. 1949, The George Washington	Ill.
Th.B. 1948, Atlantic Union College		University	
Clark, Jewelyn Lynn	Fla.	Clifton, Ernest Ridley	
Clark, Joseph, Jr.	N.J.	Climpson, Harley Ronald	
Clark, Lowell Dean	Minn.	LL.B. 1940, American University	
Clark, Malcolm Cameron	D.C.	A.B. 1949, The George Washington	Md.
Clark, Marianna Walton	D.C.	University	Va.
B.S. 1941, Wilson Teachers College		Cline, Paul Francis	Mich.
Clark, Marilyn June	D.C.	Clingenpeel, Calvert Hoff	
Clark, Miles Morton	Minn.	Clinkston, Philip	
A.B. 1943, Macalester College		B.S. 1942, University of Michigan	
Clark, Patricia	Md.	M.S. 1948, The George Washington	
		University	



Students Registered

431

Clinton, Wilma May	N.Y.	Coffelt, Janet Catherine	D.C.
Cloe, William Weedon, Jr.	Va.	Coffelt, Mildred Virginia	D.C.
A.B. 1949. College of William and Mary		Coffey, Betty Maxine	D.C.
Clooman, William Joseph, Jr.	Mass.	B.S. 1948. University of Maryland	
Clopton, Willard Caradine, Jr.	D.C.	Coffey, Claude Ivo	D.C.
Close, David Olaf	N.J.	B.S. 1949. American University	
Close, Franklin John	N.J.	Coffey, Hubert Franklin	Tex.
Cloud, Albert Morgan, Jr.	Iowa	Coffey, Robert Arthur	Md.
Clough, Adelaide Crane	Md.	Coffey, Samuel Joseph	Va.
A.B. 1926. A.M. 1931. The George Washington University		A.M. 1941. University of Virginia	
Clouser, Jacqueline Wynwood	Va.	Coffin, Barrett Franklin	Va.
Clouser, William Fleming, Jr.	Va.	Coffin, Charles Franklin	Va.
Cloutier, Rita Gertrude	D.C.	Coffin, James Clyde	Minn.
Clute, Robert Eugene	Iowa	Coffman, Alice Anton	D.C.
Coates, Augusta Maude	Md.	Coffman, Clara Lillian	Va.
Coates, Catherine Lyla	D.C.	A.B. 1948. The George Washington University	
Coates, Charles O., Jr.	Va.	Coffman, Kenneth Bryan	Md.
B.Arch Eng. 1950. Catholic University of America		Cogan, George Winfred	D.C.
Coates, Gladys Elizabeth	D.C.	Corysall, Myrtle Edith	Ill.
A.B. 1944. University of Texas		Cochran, Byron Kemp, Jr.	Md.
Coates, Philip David	D.C.	Coxwell, Raymond Louis	D.C.
Cobb, Doris Bennett	D.C.	Coxwell, Robert Wickham	D.C.
Cobb, Leonard Cowgill	Wash.	A.B. 1950. University of Virginia	
B.S. 1946. University of Washington		Cohan, Philip Cedric	D.C.
Cobert, George William	Va.	Cohen, Alvin	D.C.
Coburn, William Hoffman	Mont.	Cohen, Barbara Florence	D.C.
Cochran, Dean Farrington	Va.	Cohen, Barbara Lee	Va.
A.B. 1949. The George Washington University		A.B. 1949. Newcomb College	
Cochran, Dean William	Md.	Cohen, Bernard	D.C.
B.S. 1949. University of South Carolina		Cohen, Betty Lee	D.C.
Cochran, Hewitt	D.C.	Cohen, David Israel	Pa.
A.B. 1938. Yale University		Cohen, Donald Sidney	D.C.
Cochran, Joseph John	N.J.	B.S. 1947. University of Maryland	
Cochran, Nancy Lou	D.C.	Cohen, Faye Barbara	D.C.
Cochran, Robert Clyde	Ala.	Cohen, Harvey Bernard	D.C.
Cochran, Robert Reid	N.J.	Cohen, Herbert	N.Y.
B.S. in Ch.E. 1944. Tufts College		A.B. 1949. The George Washington University	
LI.B. 1950. The George Washington University		Cohen, Irving Kenneth	N.Y.
Cochran, Robert Thomas, Jr.	Va.	A.B. 1942. The George Washington University	
B.S. 1948. A.M. 1950. Georgetown University		Cohen, Joel Harvey	N.Y.
Cochran, Virginia Lewis	D.C.	Cohen, Leila Barbara	N.Y.
A.B. 1929. Brenau College		Cohen, Marvin Bernstein	D.C.
A.M. 1935. West Virginia University		Cohen, Melvin	D.C.
Cochrane, Cornelius Rice Parsons, Jr.	Md.	Cohen, Melvin S.	D.C.
Cock, Thomas Charles	Calif.	A.B. 1938. Brooklyn College	
Cockrille, Lydia D	Va.	B.S. 1949. The George Washington University	
A.B. 1934. New York University		Cohen, Paul	N.Y.
Cocroft, Reynold Bifield, Jr.	Calif.	A.B. 1952. College of the City of New York	
B.S. 1943. United States Military Academy		Cohen, Philip Martin	N.Y.
Cody, Grace Bailey	D.C.	A.B. 1949. New York University	
B.S. 1931. Mary Washington College		Cohen, Phyllis	N.Y.
Codier, Ernest Oscar	Md.	A.B. 1949. University of Michigan	
Cody, Patrick John	Ind.	Cohen, Richard Edward	D.C.
Coe, Andrew Stephenson	Pa.	Cohen, Robert Henry	D.C.
B.S. 1950. University of Maryland		Cohen, Ross Nathan	D.C.
Coe, Benjamin Franklin	Md.	Cohen, Sheldon Stanley	D.C.
Coe, Johnnie Baldwin	D.C.	A.B. 1950. The George Washington University	
A.B. 1925. Bessie Tift College		Cohn, Harold Joseph	Ohio
A.M. 1939. University of Maryland		A.B. 1941. Ohio State University	
Coler, Justine Donnelly	Md.	Coil, Emory Alfred	Va.
A.B. 1938. Syracuse University		A.B. 1950. The George Washington University	
A.M. 1941. Smith College	D.C.	Cokenas, Nicholas Trephon	D.C.
Coffee, Vivian Alene		A.B. 1941. A.M. 1948. The George Washington University	
A.B. 1948. Eastern Nazarene College		Coker, George Meadows, Jr.	D.C.

Coker, Joseph Daniel A.B. 1935, A.M. 1937, Ph.D. 1949. The George Washington University	S.C.	Collins, Morris Russell Collins, Philip Reilly A.B. 1939, LL.B. 1942, Loyola University	Va. D.C.
Coker, Robert Harry Colacicco, Frank B.S. 1940, United States Military Academy	D.C. D.C.	A.M. 1948, Ph.D. 1950, Georgetown University	N.J.
Colangelo, James Michael	Va.	Collins, Robert Vincent B.S. 1949, Seton Hall College	D.C.
Colbert, Robert Chester	Pa.	Collins, Samuel James	Md.
Colborn, Paul Appleby	D.C.	Collins, William Francis	Va.
Cole, Andrew Truman	Va.	Collins, William Thomas	N.Y.
Cole, Charles Alexander, Jr.	Ga.	Collins, William Timothy A.B. 1948, The George Washington University	N.D.
Cole, Donald William A.B. 1950, University of Illinois	Va.	Collis, Lester Leon B.S. 1950, North Dakota Agricultural College	Puerto Rico Md.
Cole, Elizabeth Trucks A.B. 1949, The George Washington University	D.C.	Colon-Gordiano, Jose Colot, Evangeline Wilson A.B. 1950, The George Washington University	Md. D.C.
Cole, Enser William, Jr. A.B. 1940, LL.B. 1942, University of North Carolina	N.C. D.C.	Colton, Barnum Lawrence	Va.
Cole, Fenwick Earl	D.C.	Colville, Robert Allen	Ohio
Cole, George William B.S. 1949, Wilson Teachers College	D.C.	Colvin, Bruce Steele	Va.
Cole, Harry Eugene A.B. 1947, Wittenberg College	D.C.	Colzhan, Margaret Bakeman	Ohio
Cole, John Van De Leer, Jr.	Md.	Combs, Samuel Raymond B.S. 1938, Colorado State College of Agriculture and Mechanic Arts	Pa.
Cole, Marjorie June	Kans.	Comerota, Peter Joseph B.S. 1948, University of Scranton	Puerto Rico
Cole, Marshal Livingston	D.C.	Comulada, Gloria Marie B.S. 1945, Mary Washington College	Md.
Cole, Milton Burns	Md.	M.S. 1948, The George Washington University	Md.
Cole, Patricia Ann Peterson	Va.	Comulada, John Raymond B.S. 1943, University of Maryland	Va.
Cole, Ralph John A.B. 1948, The George Washington University	Pa.	LL.B. 1950, Georgetown University	Calif.
Cole, Roger Charles	Va.	Conant, Robert Charlton	Va.
Cole, Walter Harvey, Jr. B.C.E. 1949, The George Washington University	D.C.	Conard, Melvin Leroy	R.I.
Coleman, Ann James	Ala.	Conason, Emanuel Voltaire	D.C.
Coleman, Harvey Ryon	Va.	Concelia, Katherine Broderick	N.Y.
Coleman, Joseph Lustrat	Ga.	Concini, Norma Gloria	Pa.
Coleman, Nancy A.B. 1942, Smith College	Idaho	Condee, Joan Marshall	Ark.
Coleman, Robert G., Jr.	Va.	Condon, Jean Lois A.B. 1948, Barnard College	
Coleman, Thomas Joseph	D.C.	Condors, Marcelle J. Condray, Martha Jean B.S. 1941, Arkansas State Teachers College	Md. Fla. Va.
Coleivas, Prokopos Colgan, Richard Shaw B.S. 1942, M.F. 1949, New York State College of Forestry	Va. Md.	A.M. 1946, University of Texas	
Colglazier, Merle Lee A.B. 1948, University of Colorado	D.C.	Cone, Donald Arthur	Va.
Coll, Robert Wilson	Puerto Rico	Cone, Dorothy Morton	
Collazo, Rivera Angel Luis B.B.A. 1949, University of Puerto Rico	N.Y.	Conger, Harriet Myers A.B. 1939, Smith College	Va. W.Va.
Colley, Benjamin Gilbert B.S. 1948, Union College	D.C.	Conklin, Charles Robert	Va.
Colley, John Leonard, Jr.	N.J.	Conley, James Laing	D.C.
Collier, Edwin A.B. 1949, The George Washington University	Va.	Conley, Kenneth Alvin	
Collier, Jack Wayne	D.C.	Conley, Mary Katherine	N.Y.
Collier, William Lee	D.C.	Conley, Raymond A.B. 1948, University of California	D.C.
Colligan, James Riley	Ind.	Conlon, James Ambrose	D.C.
Collins, Donnabelle Joy	Va.	Conlon, Joseph Martin	D.C.
Collins, Elmer, Francis B.S. 1950, Georgetown University	Va.	Conn, Marjorie Ada May	Md.
Collins, Frank Clark	Va.	Connally, Carole Gladys	Va.
Collins, James Francis	Pa.	Connell, Charles Quinn	D.C.
Collins, Joseph	D.C.	Connell, Eugene Ambrose, Jr.	D.C.
Collins, Joseph John	Pa.	Connell, John Gibbs, Jr.	D.C.
Collins, Margaret Mary B.S. 1935, Wilson Teachers College	Va.	Connell, Vera Marie B.S. 1937, Pennsylvania State Teachers College, California	Conn.
Collins, Michael Joseph	D.C.	Connelly, Edward Charles	



# Students Registered

433

Connelly, Francis Becker	D.C.	Cook, Maryjane Katherine	Va.
Conner, Charles Buford	Md.	B.S. 1949, College of William and Mary	
B.S. 1947, Washington and Lee University		Cook, Richard Charles	Va.
Conner, Evelyn Kirby	Va.	Cook, Robert Carleton	D.C.
Conner, Ray Bradford	D.C.	Cook, Robert Hugh	Va.
Conner, Timothy James	Md.	Cooke, Edward Andrew	D.C.
Connerton, John Jerome	Fa.	Cooks, Herbert	Mass.
Connerton, Joseph John	Fa.	B.S. 1948, LL.B. 1950, Boston University	
B.E.E. 1949, Catholic University of America		Cookson, Raymond Theodore	Kans.
Connerton, Robert Joseph	Pa.	Cooley, Donald Grimmer	W.Va.
B.S. 1949, University of Scranton		A.B. 1949, Shepherd College	
Conniff, John Francis, Jr.	Va.	Cooley, Edwin Remick	Kans.
Conniff, Eleanor Marie	Pa.	A.B. 1934, Municipal University of Wichita	
Conniff, William Patrick	Pa.	Cooley, George Edward	Ill.
Connolly, Barbara	D.C.	B.S. 1950, University of Illinois	
Connolly, Helen Louise Cumin	Mass.	Coolick, Allan Bronson	D.C.
A.B. 1928, A.M. 1930, The George Washington University		Coombs, Richard Arthur	Mich.
Connolly, James Andrew	N.Y.	Coop, Helene Bernice	D.C.
Connolly, James Michael	Mass.	Cospehik, Naomi Sharon	N.Y.
Connolly, John Mitchell, Jr.	Calif.	Cooper, Anna Marie	Pa.
Connolly, John Stoddard, Jr.	N.Y.	Cooper, Burton Morris	D.C.
Connor, James Parker	D.C.	Cooper, Carlton Harvey	D.C.
B.S. 1949, Georgetown University		Cooper, Charles David	D.C.
Connor, James Robert	W.Va.	A.B. 1948, The George Washington University	
A.B. 1939, Fairmont State College		Cooper, Daniel	D.C.
Connor, Louis Milton	Md.	Cooper, Earl Dana	Va.
B.S. 1940, Maryland State Teachers College, Frostburg		B.E.E. 1948, The George Washington University	
Ed.M. 1947, University of Maryland		Cooper, Eileen Cleary	Va.
Connor, Thomas Harvey	Md.	A.B. 1931, College of New Rochelle	
Conrad, James Calvin	Va.	Cooper, Elaine LaDonna	Va.
A.B. 1950, The George Washington University		A.B. 1948, The George Washington University	
Conrad, Paul Rawson	Kans.	Cooper, Emmett Monroe	Md.
B.S. 1949, University of Kansas		Cooper, Ernest Edward	D.C.
Conrad, Shirley Myrtle	Kans.	B.S. 1950, American University	
Conrad, Vouis Ray	Va.	Cooper, George Hunters	N.Y.
Conroy, James Joseph	Md.	Cooper, Harrison Lee	D.C.
Constante, Betty Powell	Va.	Cooper, Jack Ross	D.C.
Constantiz, J. C.	Va.	A.B. 1948, Queens University, Canada	
A.B. 1937, Culver-Stockton College		Cooper, Joseph Emerson	Va.
Conte, Joseph Phillip, Jr.	N.Y.	A.B. 1938, Indiana University	
Conti, Reno Joseph	D.C.	Cooper, Paul David	Md.
B.S. 1948, University of Vermont		A.B. 1938, Western Maryland College	
Contimetti, Frank Edward	N.Y.	M.Ed. 1942, University of Maryland	
Contine, William Harry	D.C.	Cooper, Suzanne Taylor	D.C.
Contrada, Vincent Anthony	D.C.	Cooper, Thomas Sebane	D.C.
Convisser, Israel	D.C.	Coover, Jocie Madfrey	Md.
LL.B. 1928, Brooklyn Law School		B.S. 1926, Florida State University	
Conway, Emmett Gaddis, Jr.	Va.	A.M. 1932, Columbia University	
LL.B. 1935, Georgetown University	Va.	Coover, Mullen Ogle	W.Va.
Conway, Marjorie Ann	Ill.	A.B. 1942, Shepherd College	
B.S. 1948, Mount Mary College		M.S. 1946, West Virginia University	
Conwell, Emma Mary	S.C.	Cope, Elina Roberta	Kans.
Conzelman, Gaylord Maurice	Calif.	Copes Van Hasselt, Roelof Hendrik A.	Canada
B.S. 1948, Idaho State College		Coppa, Julia Ann	Va.
Coogan, James Francis		A.B. 1948, The George Washington University	
Cook, Carl Frederick	D.C.	Coppel, Arthur	N.Y.
Cook, Catherine C.	D.C.	A.B. 1949, University of Virginia	
B.S. 1951, University of Denver	D.C.	Coppertman, Howard Robert	Pa.
Cook, Frances Rowena		Copsey, Jesse Fabian	D.C.
A.B. 1949, West Virginia University	Ark.	Corbets, Eugene Paul	Ohio
Cook, Guy Osborne	Md.	A.B. 1949, Mount Union College	
Cook, Helen Acker		Corbey, Robert Joseph	D.C.
Cook, John Mason	D.C.	Corbin, Douglas Tenny	N.Y.
Cook, Marion Francis	D.C.	B.S. 1906, St. Lawrence University	
Cook, Martha Eljean	Md.	Corcoran, Helen Smith	Pa.
	Va.	A.B. 1935, University of Pittsburgh	



Cordelli, Peter Paul	Pa.	Coulter, Roy Derrell	Va.
Cordon, Damon Nicholas	D.C.	A.B. 1932, Elon College	
Cordova, Ralph	N.Y.	B.D. 1934, Vanderbilt University	D.C.
Corey, W. Robert	Va.	Coultrip, Raymond Laverne, Jr.	Va.
A.B. 1948, Syracuse University		Councell, Mary Marcy	
Corkery, Dorothy Katherine	Va.	B.S. in Ed. 1921, Ohio State University	Ill.
Corkrum, Marjory Eleanor Hughes	D.C.		Conn.
Corkum, Anna Elizabeth	Mass.	Counelis, James Anthony	
Corn, Irene S.	Mo.	Counihan, John Lawrence	
Corn, Palmer Boyd	Ky.	B.S. 1932, United States Naval Academy	N.Y.
B.S. 1930, Kentucky State Teachers College, Murray		Couper, Elizabeth Mary	
Corn, Ronald Maurice	Ind.	B.S. 1910, Madison College	D.C.
Cornelius, Miriam Keeler	D.C.	Couperthwaite, Charles	D.C.
A.B. 1928, Mount Holyoke College		Courts, Constantine	D.C.
A.M. 1926, Radcliffe College		Courtney, Gilbert Rodda	N.J.
Cornish, LeRoy William, Jr.	D.C.	Courtney, Joseph Clarence III	Mass.
Cornwell, Walter Aden, Jr.	D.C.	Coury, Sam Joseph	D.C.
Cornwell, Richard Edwin	Va.	Cousins, Joan Lee	D.C.
A.B. 1946, Hampden-Sydney College		Cousins, Sidney Charles, Jr.	
LL.B. 1950, The George Washington University		B.S. 1947, Bowdoin College	N.Y.
Corona, Paul John	Md.	LL.B. 1950, Georgetown University	
Corrado, Michael Anthony	D.C.	Covello, Vincent Joseph	Va.
A.B. 1940, The George Washington University		B.S. 1950, Rollins College	D.C.
Corrado, Rosalie Celeste	D.C.	Covert, Emma Elizabeth	Miss.
A.B. 1947, American University		Coviello, Marcel Anthony	D.C.
Corridon, John Raymond	Md.	Covington, Christine Vianna	Tenn.
LL.B. 1942, The George Washington University		Cowan, Robert Charles	Tenn.
Cortez, Ezekiel Casimiro, Jr.	N.M.	Coward, James Smith	Md.
A.B. 1943, New Mexico College of Agriculture and Mechanic Arts		Coward, Daniel Couch	
Corwin, Leonard Joel	N.J.	Cowdrick, Jesse Stanton	Pa.
B.S. 1947, Rutgers University		A.B. 1928, Union College	
Cosgrove, Thomas Edward	Md.	Cowell, Charles Ellwood, Jr.	
Coss, Donald Eugene, Sr.	Mich.	A.B. 1949, The George Washington University	Va.
Costa, Jasper Silva	D.C.	Cowie, Franklin Garrett, Jr.	Md.
A.B. 1927, Brown University		Cowling, Zoe Elaine	Va.
LL.B. 1931, Cornell University		Cowert, Charles Crump	
LL.M. 1948, Georgetown University		A.B. 1937, King College	Ark.
Costanzo, Felix	N.Y.	B.D. 1941, Th.M. 1949, Union Theological Seminary	
Costanzo, Sue	N.Y.	Cox, Alfred Alexander	D.C.
Costas, Raul, Jr.	Puerto Rico	B.S. in Ed. 1949, Arkansas State Teachers College	D.C.
B.S. 1949, Villanova College		Cox, Daniel Alpha	Va.
Costello, Bartley Alexander	Mo.	Cox, Donald Gilmer	S.C.
Costello, Elmer Price	W.Va.	Cox, Flada Ismiell	
A.B. 1949, Marshall College		Cox, Herman Elmer	
Costello, Richard Edward	Calif.	A.B. 1950, The George Washington University	Va.
LL.B. 1944, University of California		Cox, Joe Harold	Miss.
LL.M. 1948, The George Washington University		Cox, John Robert	Neb.
Costello, Thomas Joseph	Va.	Cox, Laverne A.	Md.
Costinett, John Henry	Md.	Cox, Thomas Andrew, Jr.	Va.
Cotrana, David	N.J.	A.B. 1951, University of Maryland	D.C.
B.S. 1949, Berea College		Cox, Thomas Edwards	Tenn.
Cotten, Rebecca Ann	Va.	Cox, William I. N., Jr.	D.C.
Cotter, John	Mass.	Coyle, Charles Frank	D.C.
A.B. 1924, Yale University		Coyne, Joseph Patrick	Md.
Cottrell, Walter Nevins	D.C.	A.B. 1911, St. Ambrose College	Md.
Couple, Alexander John	Va.	Cosne, Patrick Thomas	
B.S. 1910, United States Naval Academy		Covner, Owen Fabor	W.Va.
Couch, Howard William	Tenn.	Cozin, Lee William	D.C.
Concombes, James Joseph	Ga.	A.B. 1948, American University	N.Y.
Coughlin, Lorna Dennis	Pa.	Cozmyk, John	
Coulter, Marian Lacklen	D.C.	Cozzi, Adrian	
A.B. 1947, University of Washington		A.B. 1950, Suffolk University	
Coulter, Murray Whitfield	Ark.	Cozzi, Aldo John	
Coulter, Patricia Florence	Mich.	B.S. 1946, M.E. 1947, Stevens Institute of Technology	Idaho
A.B. 1945, University of Michigan		Crabtree, Robert Herman	Md.
		Craddock, William Wood	

Craft, Alvis Mahlon	D.C.	Critchfield, Burke McClure	Va.
Craft, Robert Harold	D.C.	Croasdell, Cameron Walter	Va.
Craft, Robert Wayne	D.C.	Croft, Janet Alice	Va.
Crafton, Dorothy Warren	Va.	Crofton, Ann Marie	Mass.
Cragoe, John Henry	D.C.	Crogan, John Charles	Va.
A.B. 1950, The George Washington University		Cromer, Harry Dale, Jr.	Ohio
Craig, Albert Gallatin, Jr.	Va.	Cronan, William Joseph, Jr.	D.C.
B.S. in M.E. 1947, University of Kentucky		Cronk, Edwin Monroe	Va.
Craig, Camille Jacob	D.C.	A.B. 1941, Cornell University	Va.
B.S. 1945, The George Washington University		Crooker, Barbara Travis	Va.
Craig, Carl Edward	Md.	A.B. 1944, Carleton College	
Craig, Cecile Elizabeth	D.C.	A.M. 1949, The George Washington University	
A.B. 1947, Clark University		Crooks, Robert Gladden	D.C.
Craig, Dwin Richardson	D.C.	B.S. and M.S. 1940, Massachusetts Institute of Technology	
B.S. in Eng. 1948, The George Washington University		Croon, Bernard Herman	Va.
Craig, Norman Castleman	D.C.	Crosby, Anne Elizabeth	D.C.
Craig, Paul Max, Jr.	Md.	Crosby, Herbert Lee	Iowa
B.S. 1946, Worcester Polytechnic Institute		Crosby, John Raymond	D.C.
L.L.B. 1950, Georgetown University		Cross, Calvin George	Mass.
Craig, William Franklin	Va.	Cross, Dan Norman	Fla.
Craighill, Mary Nute	Mass.	Cross, George Franklin, Jr.	D.C.
Cramer, Raymond Alphonso, Jr.	Va.	A.B. 1950, The George Washington University	
B.S. 1950, University of Illinois		Cross, Harold Junior	W Va.
Grandell, Doris Cone	Va.	Cross, Mary Eleanor	N.J.
Grandell, William Palmer	Md.	A.B. 1940, Vassar College	
Grandford, John Ringer	Va.	Crossed, Lillian Marie	N.Y.
Frank, Terrell Harvey	Va.	Crossfield, Lourie Tommie	Okl.
Clankshaw, Harold George	D.C.	A.B. 1936, Central State College, Oklahoma	
B.S. 1928, Carnegie Institute of Technology		Crouch, Hasell Wilkinson	N.Y.
A.M. 1942, Cornell University		Crouch, Robert Brighton	Idaho
Crassas, William Constantine	D.C.	B.S. in C.E. 1940, University of Idaho	
Crawford, Armon Davis Acheson	Md.	Crouch, Robert Cullen	Md.
B.S. 1919, United States Naval Academy		Crowe, Carl Francis	Md.
Crawford, Howard Irvin	Iowa	B.S. 1950, University of Maryland	
Crawford, Jennie Irene	D.C.	Crowe, Marian Wintermyer	Md.
Crawford, Lucille Z	D.C.	B.S. 1944, Maryland Teachers College	D.C.
B.S. in Ed. 1911, Miami University		Crowe, Vincent James	Md.
Crawley, Roy Wallace	D.C.	Crowell, Jack	
A.B. 1948, University of California at Los Angeles		B.S. 1947, The George Washington University	
Creamer, Francis Joseph, Jr.	D.C.	Crowell, James Donald	N.J.
Creamer, John Edmund	D.C.	B.S. 1935, Bowdin College	
Creamer, Paul James	D.C.	Crowley, Francis Xavier	D.C.
Creele, Stephen Francis	Mass.	Crowley, James Joseph	Mass.
Creele, Joseph Swindell	Md.	Crowley, James Worthington	Tenn.
Creele, Anne Cecilia	D.C.	A.B. 1950, The George Washington University	
Creekmore, Russell Whitfield, Jr.	Va.	Crowley, Jerome Francis, Jr.	D.C.
A.B. 1949, Drake University	Md.	Crowley, Thomas Michael Joseph	N.Y.
Creme, Anthony Rulo	Md.	Crusen, Joseph C.	D.C.
B.S. 1948, The George Washington University		B.S. 1942, Georgetown University	
Crenca, Giacomo	R.I.	Cruiser, Flossie Genevieve	Fla.
Crenshaw, Jerry Wilson	Tenn.	Crum, Frances May	Va.
Crenshaw, Richard Milton	Va.	A.B. in Ed. 1940, Kentucky State Teachers College, Morehead	
Cresbull, Esther	N.J.	Crumley, Howard Lee	Va.
Creswell, Richard Nicholas	D.C.	Crumley, Howard William	D.C.
Crevling, Cyrus Robbins	D.C.	Crumley, Vivian Muriel	D.C.
Crichton, Charles Franklin	D.C.	Crummett, Harvey Bernard	W Va.
Crickenberger, Eugene Akers	D.C.	Crummett, John David	D.C.
Crickenberger, Ira Iethro	Va.	Crumpp, George Aubrey	Va.
Crick, James Edward	Va.	Crumpler, Roland	N.C.
Criker, James John	Va.	Crupain, Eli N.	N.Y.
Crisp, John Kibler, Jr.	D.C.	A.B. 1940, Brooklyn College	
	Va.	Crispus, Vera Claussen	Va.
	Ga.	B.S. 1940, University of Illinois	

Cudd, George B. B.E.E. 1950, The George Washington University	D.C.	Cunningham, William Poling A.B. 1948, Shepherd College	Va.
Cudlipp, Irene M. B.S. 1926, Johns Hopkins University	Md.	Cupples, Homer Leslie B.Ch.E. 1921, Ph.D. 1924, Ohio State University	Va.
Cuellar, Juan Ignacio A.M. 1935, Columbia University	Va.	LL.B. 1941, The George Washington University	N.Y.
Culbertson, Reid Taylor	Va.	Curley, Helen Carolyn	N.J.
Culbertson, Jean	Fla.	Curley, John Lawrence	Va.
Culbertson, Mary Florence A.B. 1937, University of South Carolina	S.C.	Curley, Michael Joseph	Ala.
Cullen, Charles Walker	Va.	Curley, William Henry	N.Y.
Cullen, Frances Jacqueline A.B. 1948, Marywood College	Pa.	Currie, Lauchlin Morgan	D.C.
Cullen, Frank	D.C.	Currier, Wade Richardson A.B. 1950, The George Washington University	Va.
Cullen, Frank Haywood B.S. in Eng. 1940, The George Washington University	Va.	Curry, Eleanor Gayle B.S. 1935, Virginia State Teachers College, Farmville	N.C.
Cullen, Garrett Joseph, Jr. B.S. 1929, Boston College	Mass.	Currin, John Langford A.B. 1949, The George Washington University	Ala.
Cullen, John William A.B. 1940, University of California at Los Angeles	Va.	Curry, Bryce Quennan	N.Y.
Cullen, Joseph Daniel	D.C.	Curry, John Vincent	Va.
Cullen, Margaret Mary	Fla.	Curry, Stowers Leigh A.B. 1948, LL.B. 1950, The George Washington University	Conn.
Cullen, Marie Agnes	N.H.	Curtin, Paul Keller A.B. 1940, The George Washington University	D.C.
Cullen, Mary Therese	D.C.	Curtin, Richard Maurice, Jr.	Ohio
Cullen, Matthew Joseph, Jr. A.B. 1946, Harvard University	Mass.	Curtis, Allen Benjamin B.Ch.E. 1943, Fenn College	Va.
Cullen, Rayston Thomas	Md.	Curtis, Caroline Alexander	D.C.
Culler, Paul Joseph	Ohio	Curtis, Emma Elizabeth B.S. in Ed. 1937, Georgia State College for Women	Md.
Cullom, Pearl Gardner	Miss.	Curtis, Harry Lee A.B. 1949, Emory University	Tex.
Cullom, Peter Edwin A.B. 1929, Mississippi College	Miss.	Curtis, John Robert	D.C.
Cullom, William Otis	Ala.	Curtis, Kenneth Edward	Va.
Culp, John Franklin III B.S. 1940, University of Chicago	Pa.	Curtis, Mattie McCain	D.C.
M.B.A. 1950, Harvard University		Curtis, Mitchell T.	Md.
Culp, Theodore Francis	D.C.	Curtis, Robert Edward	
Culver, William B.	Pa.	Curtiss, Jeanne A.B. 1950, The George Washington University	Va.
Commer, John Robert	D.C.	Cushman, John Holloway B.S. 1944, United States Military Academy	
Cummings, Frank	Va.	M.S. 1950, Massachusetts Institute of Technology	Va.
Cummings, George Patrick	D.C.	Custard, Robert Franklin B.S. in Eng. 1950, The George Washington University	Va.
Cummings, Martin William	Conn.	Custer, Chalmers Robert	Pa.
Cummings, Samuel A.B. 1949, The George Washington University	D.C.	Cutnat, Frank Hickman B.S. 1940, Pennsylvania State Teachers College, West Chester	D.C.
Cummins, Jane Kudlich A.B. 1947, University of Maryland	Va.	Cutchins, Ernest Charles B.S. 1943, Virginia Polytechnic Institute	Mo.
Cummins, Richard Lee	D.C.	Cutler, Clifford Paul	Va.
Cummins, William Edwin B.S. 1940, Webb Institute of Naval Architecture	Md.	Cutright, Carl Richard	D.C.
Cunningham, George William	Va.	Cuttitta, Frank B.S. 1937, Brooklyn College	Md.
Cunningham, Carol Joan	D.C.	Czerwenka, Adolph Paul	Md.
Cunningham, Carolyn Josephine	Okla.	Czuba, John Thomas	
Cunningham, Carolyn Maryclare	Minn.		
Cunningham, Catherine Beatrice	Okla.		
Cunningham, Dewey Junior B.M.E. 1947, University of Louisville	Va.		
Cunningham, Edith Virginia A.B. 1947, The George Washington University	Va.		
Cunningham, George William	D.C.		
Cunningham, James Alvin	Va.		
Cunningham, Mary Jane Catherine	Va.		
Cunningham, Raymond Joseph	Mass.		
Cunningham, Robert Kuhlman A.B. 1949, University of Michigan	Va.		
Cunningham, Stewart Orme, Jr. A.B. 1949, Mercer University	Ga.	Dabney, Thomas Bullard B.S. 1936, United States Naval Academy	D.C.
Cunningham, Walter Eugene, Jr.	D.C.		



Daggitt, Elizabeth Middleton	Va.	D'Amico, Louis Joseph	Ohio
Dahl, Francis Langley	Wash.	Damren, Frances Sherier	D.C.
Dahl, Th. 1949, Walla Walla College	Norway	Damron, Charlotte Moorar	Ohio
Dahl, Marta Salvesson	Pa.	D. A. B. 1940, Wellesley College	
Dahlberg, Richard Ernest	Fla.	M.S. 1942, Rutgers University	
Daley, Francis Joseph		Danaher, Thomas Patrick	N.Y.
Daley, 1949, Georgetown University		Dane, Michael Nicholas	Pa.
Daley, Oswald Cleveland	Md.	Danford, James Arthur	Ohio
Daley, Robert Joseph	Md.	B.S. 1950, University of Dayton	
Dantz, Bernard David	Va.	Danforth, Murray Snell, Jr.	R.I.
A.B. 1936, Brooklyn College		A. B. 1948, Yale University	
M.S. 1938, Columbia University		Daniel, Barry Lloyd	N.Y.
Dakovich, Anita Lee	Calif.	Daniel, Neil	D.C.
Dalabakis, Angelo George	Ohio	Daniel, Robert Herman	Va.
A.B. 1950, West Virginia University		Daniel, Sidney Theodore	Va.
Dalboe, Agnes Karen	D.C.	A. B. 1942, New York University	
Dale, Adelaide Sarah	Va.	Danielak, Paul Arthur	Mich.
A.B. in Ed. 1941, Western Wash-		Daniel, Almon Edward	Va.
ington College of Education		B.S. 1947, University of Florida	
Dale, Carolyn Olson	D.C.	Daniels, Anne Blanchard	D.C.
Dale, Edward Preston	Ill.	Daniels, Daniel Thomas	Tex.
Dale, Eileen D.	Pa.	Daniels, Fred Gillett	Fla.
Dale, John Estes	D.C.	Daniels, Howard Kenneth	W.Va.
Dale, Oscar Norman	Va.	Daniels, Mary Catherine	Md.
B.S. 1944, United States Naval		Daniels, Miles Dewey	Pa.
Academy		Danilowicz, Pascal Joseph	D.C.
Dales, Betty Jane	Conn.	B.S. 1946, Wilkes College	
Dales, John Nicholas	Md.	Danko, John James	Minn.
Daley, Shirley Jean	Md.	Dann, Doris	D.C.
B.S. 1948, Bowling Green State		Dannelly, Frank Perry	Ala.
University		A. B. 1943, University of Alabama	
Dalkiewicz, Edward Bernard	Pa.	Dannenlarsch, Albert	Pa.
Dallaure, Eusebe Andre	D.C.	B.S. 1947, Temple University	
Dallatore, Roland R.	D.C.	Danoff, Irene	D.C.
Dalley, Donald Leslie	N.J.	D'Antino, Daniel	N.Y.
A.B. 1948, The George Washington		B.S. 1946, University of Buffalo	D.C.
University		Danzig, Solomon Albert	Philippines
Dalonas, John	Va.	Danules, Ramon Nagac	
A.B. 1950, The George Washington		B.S. in Ed. 1949, Far Eastern Uni-	
University		versity, Philippines	
Dalrymple, Clifton Gerald	D.C.	Darby, Charles Farrell	Fla.
Dalrymple, James Melver	Va.	Darcey, Edward Harry	Va.
A.B. 1949, William Lewis, Jr.	Md.	D'Argenio, Raymond Mario	Va.
Daley, John William		B.S. 1950, Georgetown University	
Dalton, Eileen Elizabeth	D.C.	D'Arenza, Tony	N.Y.
Dalton, Elizabeth Victoria	D.C.	Darbo, Lewis R., Jr.	Ohio
B.S. in Ed. 1942, Madison College	Va.	Darr, Harry Frazee	D.C.
Dalton, Mildred Louise		B.S. in Ed. 1942, Wilson Teachers	
Dalton, Stanley Charles, Jr.	Va.	College	
B.S. 1947, Rensselaer Polytechnic	Va.	Darrach, Roberta Leechman	D.C.
Institute		Darrow, Dan Kellogg	Md.
Daly, Eleanor Adelaide	Mass.	Darrow, Eugene Harvey	Md.
A.B. 1944, Brown University		B.M.E. 1948, Rensselaer Polytechnic	
Daly, Elizabeth Teresa	Va.	Institute	
Daly, Janet Audrey	Va.	Darrow, Gerald Donald	N.Y.
A.B. 1950, Georgetown University	D.C.	A.B. 1957, New York University	
Daly, John Joseph	Va.	Darsch, Earl Clement	Va.
A.B. 1949, The George Washington		A.B. 1941, Western Maryland Uni-	
University		versity	
Daly, Robert Joseph	Mass.	Darner, Betty Robinson	D.C.
A.B. 1949, Catholic University of		Darwin, Harry Mootimer	Va.
America		Darwin, Donald William	D.C.
Damaso, Jose Carvalho	Brazil	Darlow, Gerald Alex	Md.
Damaso, Maria Heleia	D.C.	Darbo, Robert W.	Va.
Datschinski, Stanley George	Pa.	A.B. 1957, The George Washington	
Dameron, Carlton Sherwood	D.C.	University	
D'Amico, Albert John	D.C.	Dauer, John Walter	Ky.
B.S. 1948, American University	D.C.	Daugherty, John Thomas Cotton	Minn.
A.M. 1950, The George Washington		A.B. 1941, L.L.B. 1943, The George	
University		Washington University	
		Daugherty, Robert Stephen	Conn.
		Dauzman, Grover Frederick	Va.

Davenport, Catherine Shannon	Ohio	Davis, Joseph Howe	Va.
Davenport, Donald Lyle	Wis.	Davis, Kenneth Lee	D.C.
Davenport, John Edwin	N.C.	Davis, Leroy Charles	Va.
A.B. 1948, University of North Carolina		Davis, Lilla Wimbish	N.Y.
Davenport, John Hobson	Va.	Davis, Lorimer Nathaniel	Va.
A.B. 1949, The George Washington University		A.B. 1942, Marietta College	
Davenport, Milton Monroe	Va.	Davis, Louie Reid	
Davenport, Rachel Roberta	Va.	A.B. 1942, Birmingham-Southern College	Va.
Davenport, Rosemary Jean	Va.	Davis, Marguerite B.	Conn.
A.B. 1949, College of New Rochelle		Davis, Martin Thomas	
David, George E.	Md.	B.S. 1948, Rensselaer Polytechnic Institute	
David, Maurice Allen	Ind.	M.S. 1950, The George Washington University	D.C.
Davids, Louis Martin	D.C.	Davis, Mary Anne	
Davidson, Betty Lou	Va.	A.B. 1944, University of Chattanooga	Md.
Davidson, Dale Russel	Colo.	Davis, Mescal Arbutus	D.C.
Davidson, Frances Patterson	D.C.	Davis, Mildred Lucille	N.Y.
Davidson, James Frederic	D.C.	Davis, Olga	Va.
A.B. 1945, Yale University		B.S. 1940, Columbia University	
Davidson, John Berry	Tex.	Davis, Paul Dallas	
B.S. in E.E. 1944, LL.B. 1950, University of Texas		B.S. 1943, Southeast Missouri State College	Md.
Davidson, Philip David	Pa.	Davis, Paul Lee	
Davidson, Roy Aaron	D.C.	B.S. 1947, M.S. 1948, The George Washington University	Ill.
Davidson, Thomas Ferguson	D.C.	Davis, Paul Sprague	
Davies, Edith Maurice	D.C.	A.B. 1930, Harvard University	Md.
Davies, Gwendolyn Powell	Md.	J.D. 1932, University of Chicago	D.C.
Davies, Leslie Eugene	D.C.	Davis, Richard DeForest	D.C.
Davies, Peter Merrick	D.C.	Davis, Robert Edwards	Conn.
Davis, Andrew Nathan	Md.	Davis, Robert Hall	
Davis, Arthur Alexander		Davis, Robert Herbert	
M.F. 1948, Yale University	N.Y.	A.B. 1946, M.S. 1949, Indiana University	Pa.
Davis, Bertha	Okla.	Davis, Robert Joseph	D.C.
Davis, Carl Clell		Davis, Robert Lee	D.C.
B.S. 1942, Oklahoma Agricultural and Mechanical College		Davis, Robert Walker	
LL.B. 1949, University of Oklahoma	Va.	A.B. 1950, The George Washington University	D.C.
Davis, Charlene Ann	Tex.	Davis, Spear John	
Davis, Charles Russell	Tenn.	B.S. in Ed. 1950, Pennsylvania State Teachers College, Indiana	Md.
Davis, Clifford, Jr.		Davis, Thomas Edward	D.C.
A.B. 1949, The George Washington University	Ohio	Davis, Thomas Frederick	
Davis, David Stanley		B.S. in Ed. 1944, Pennsylvania State Teachers College, Bloomsburg	D.C.
A.B. 1949, The George Washington University	Mo.	Davis, Thomas McLellan, Jr.	
Davis, Dorothy Belle	Tenn.	A.B. 1949, The George Washington University	D.C.
A.B. 1947, King College		Davis, Valerie Allen	Mich.
Davis, Edward Harry	D.C.	Davis, Vivian Elizabeth	Md.
B.S. 1950, Georgetown University	Fla.	Davis, Wilbur Chamberlain	
Davis, Elizabeth		A.B. 1950, University of Maryland	D.C.
B.S. 1943, Florida State University	D.C.	Davison, Charles Henry	D.C.
Davis, Elsie Marie		Davison, Mark Leonard	
B.S. in Ed. 1941, New Haven State Teachers College		Davison, Martin Louis	
A.M. 1948, The George Washington University	N.J.	B.S. 1950, The George Washington University	D.C.
Davis, Elton D.	D.C.	Davison, Robert McClood	Va.
Davis, Ewin Paul		Davison, Vida Jeanne	Iowa
A.B. 1949, Washington College	D.C.	Davitt, Edward Patrick	D.C.
Davis, George, Jr.	La.	Davoody, Davood	Ark.
Davis, Helen C.	Va.	Dawn, Carroll William	
Davis, Herbert Lowell	Va.	Dawson, Howard Athalone, Jr.	
Davis, Hilda Jean	Va.	B.S. 1947, University of North Carolina	
Davis, Jacqueline Vincent		LL.B. 1949, The George Washington University	D.C.
A.B. 1943, Birmingham-Southern College	Va.	Dawson, Robert Martin	
Davis, James Frazier	Va.	A.B. 1939, Catholic University of America	
Davis, Jeanne Marie	Md.		
Davis, Jennie L.	N.C.		
Davis, John Eisele, Jr.	Va.		
A.B. 1949, University of Maryland			

Students Registered

439

Dawson, Shelton Phelps	Utah	Decker, James John	Pa
Day, Bernard Cassidy	D.C.	B.S. in Ed. 1949, Pennsylvania State Teachers College, Mansfield	
A.B. 1948, University of Washington			
Day, Calvin Woodward	Conn.	Deeter, Philip Harold	N.J.
Day, Ernest Herbert	Ohio	Dec, Emma Edmona	Ohio
A.B. 1941, Oberlin College		Deeds, Margaret Angela	D.C.
L.L.B. 1950, The George Washington University		Deering, Harold John	Oreg.
Day, Howard MacDonald	D.C.	Deeter, William Taylor	D.C.
Day, John Sanford	Va.	A.B. 1948, The George Washington University	
B.S. 1925, United States Naval Academy		Deeters, Edward William, Jr.	Va.
Day, Mary Vilona	N.Y.	B.E.E. 1943, The George Washington University	
B.S. 1944, New York State Teachers College		Deets, Clifford	Tex.
Day, Richard Dayton	Ohio	Defenderfer, Arthur William, Jr.	D.C.
A.B. 1949, Marietta College		B.S. 1948, Lehigh University	
Day, Robert Vanfossen	Colo.	DeForce, Bettye Jeanne	D.C.
Day, Rutherford D.	D.C.	DeFreitas, Charles Mumford	Md.
A.B. 1947, Harvard University		DeGarmo, Charlotte Lou	D.C.
L.L.B. 1949, Georgetown University		DeGast, Leonard Aric	Md.
Dayhoff, James Edward	D.C.	deGaeff, Hermanie Marie	Netherlands
Dayton, Charles Simeon	Md.	Master of Law 1946, Leyden University, Holland	
A.B. 1925, Rutgers University		DeGrandi, Joseph Anthony	Conn.
B.D. 1920, Colgate-Rochester Divinity School		B.S. 1949, Trinity College	
A.M. 1930, Union Theological Seminary		M.S. 1950, The George Washington University	
Ph.D. 1938, University of Pittsburgh		DeGroot, Edward Burton, Jr.	Md.
Dea, Franklin	Calif.	A.B. 1932, A.M. 1937, Stanford University	
A.B. 1948, University of Maryland		DeGroot, Theodore Joseph	D.C.
Dean, Keven Aida	D.C.	DeGross, James Edward	Md.
Dean, Benjamin Franklin	D.C.	DeHart, Thomas Alan	D.C.
A.B. 1950, The George Washington University		A.B. 1951, Wheaton College	
Dean, Frank Atwood	Md.	DeHart, William Walter	Pa.
B.Ch.E. 1941, University of Toledo		Dehnck, Kathryn Evelyn	N.J.
Dean, Frank B.		A.B. 1945, New Jersey College for Women	
Dean, George Ross	Tenn.	Dehorsey, John Joseph	D.C.
Dean, Helen Mae	Mich.	Deidler, William Edgar	D.C.
A.B. 1946, Swarthmore College	Calif.	A.B. 1949, University of Maryland	
Dean, John Henry	Va.	Deisen, Shirley Norma	D.C.
Dean, Louis Burlingham	D.C.	Deminger, Frederic Bertrand	D.C.
Dean, Mills III	Va.	Denilbaum, Ronald Herbert	D.C.
Dean, Robert Joseph	N.Y.	Dajter, Stephen W.	Md.
Dean, Robert Murry	Mo.	A.B. 1950, Western Maryland College	
Dean, Willis Calvin	Va.	DeKeyser, Henry Leo	D.C.
de Andrade, Gentil Leite	D.C.	A.B. in Ed. 1947, A.M. in Ed. 1942, New Jersey State Teachers College	
DeAngelis, Caesar Anthony	D.C.	DeKosky, Samuel	Md.
DeAngelis, Louis Benjamin	N.Y.	A.B. 1949, Temple University	
B.S. 1951, The George Washington University		Delaney, Henry Leon	La
Dearing, Frances Parker	Va.	Delaney, Robert Finley	Mass
A.B. 1946, Mills College		B.S. 1946, College of the Holy Cross	
Deasy, John Paul	Ohio	A.M. 1948, Boston University	
A.B. 1948, The George Washington University		Delaney, William John, Jr.	Va
DeAves, Emmett George, III		De Labar, John Henry	Pa.
DeBarr, John Richard	D.C.	De Lacy, William Peter	Md
A.B. 1947, Bucknell University	Pa.	Delanlande, Guy Rene	Va
DeBourse, Neilson Thomas		A.B. 1942, Tulane University	
DeBlous, Jean Paul	Va.	DeLano, Frank William, Jr.	D.C.
DeBruin, Wesley	R.I.	Delany, James Francis	D.C.
B.S. in E.E. 1946, Illinois Institute of Technology	Mich.	Delanos, Lewis	D.C.
De Ceure, Rita Lucille		A.B. 1948, The George Washington University	
Decker, Gerald Yale	D.C.	Delanoe, Georges René	France
Deek, Charles Ormond	D.C.	Doctor of Law 1946, Faculty of Law, Paris	
Decker, William Meade II	D.C.	de Leon, Dionisio Aguino, Jr.	Philippines
Decker, Charles Seymour, Jr.	D.C.	DeLeon, Olaf Grane	D.C.
Decker, George Elwood	Md.	Delevaux, Maryse Helen	D.C.
	W.Va.	B.S. 1950, The George Washington University	



Deleaux, Nestor Henry	D.C.	Derrick, Duane Greenwood	Utah
Delgado, Angel Luis	Puerto Rico	A.B. 1948, The George Washington University	Md.
Deliman, Robert Michael	Pa.	Derry, William Gerald	France
B.S. 1949, University of Pittsburgh		de Saluces, Marguerite Maria	Mich.
Deliyannis, Penelope	D.C.	Deschaine, Bernard Richard	Va.
A.B. 1956, University of Athens, Greece		Desha, John Rollin, II	Mass.
Dell, Albert Hampson	Md.	Desjarlais, Henry Samuel	D.C.
Dellastatious, Phyllis June	Md.	Desmond, James Francis	Conn.
Dellastatious, Sinclair Bowen	Md.	Desmond, Patrick Allen	Mass.
Delinger, John Curtis	Va.	Despotes, Penelope	D.C.
delMarmol, Francis Anthony	La.	Dessez, Lester	
B.S. in Ch.E. 1941, Tulane University		A.B. 1949, The George Washington University	D.C.
Del Monte, Gloria Virginia	D.C.	Detling, Harold C.	D.C.
de los Rios, Lolita	D.C.	Detmer, Edwin Charles	D.C.
Del Rio, Salvador	Puerto Rico	Dettmann, Frank Carl Lewis	Pa.
A.B. 1942, University of Puerto Rico		M.S. 1928, Columbia University	D.C.
Del Russo, Carl R.	D.C.	Detweiler, Mark George	D.C.
Delton, Patricia Gade	Md.	Detwiler, Charles Robert	D.C.
Delyuko, Florence Jane	Pa.	Detwiler, Donald Scaife	Pa.
Demaree, Kenneth Dawson	Md.	Detwiler, Harry Grubb	
B.S. 1949, University of Maryland		A.B. 1936, Pennsylvania State Teachers College, West Chester	D.C.
Damaree, Leroy David	Va.	Deutermann, Harold Thomas	
Demarest, William, Jr.	Md.	B.S. 1927, United States Naval Academy	D.C.
A.B. 1940, Princeton University		Deutrich, Bernice Marie	D.C.
B.S. in Arch. 1949, Columbia University		Devan, Thomas Arthur	
DeMarr, Frederick Stanley	Md.	A.B. 1948, The George Washington University	Va.
A.B. 1949, University of Maryland		Devens, Mary Ellen	Ill.
Demas, Esther Peter	D.C.	A.B. 1949, Dumbarton College of Holy Cross	D.C.
Dematis, Alex	D.C.	Deverman, George	Md.
A.B. 1950, Catholic University of America		Devin, Charles, Jr.	N.Y.
Dembling, Paul Gerald	N.J.	Devine, Edward Peter	
A.B. 1940, A.M. 1942, Rutgers University		Devine, Richard Quinn	Pa.
Dembrow, Daniel William	Md.	A.B. 1945, Hamilton College	D.C.
B.S. 1942, The George Washington University		LL.B. 1949, Union College	D.C.
DeMelman, Walter Weill, Jr.	D.C.	Devlin, Paul Andrew	Va.
DeMetz, Mary Katherine	D.C.	Devlin, Thomas Eugene, Jr.	
Deming, Harry Lee	Md.	Devnes, Regina Johanna	D.C.
B.S. 1936, A.M. 1946, The George Washington University		Dew, Alice Perkins	Va.
Demittas, Tomris	Turkey	A.B. 1937, Mary Washington College	Pa.
Dempsey, Donald Crammer	Va.	Dewberry, Raymond Allen	Va.
Dempsey, Howard Calvin	D.C.	Dewberry, Sidney Oliver	Va.
Dempsey, William Edward	D.C.	Deweese, Margaret	Peru
Demshock, John Joseph	N.Y.	Dewey, John Dickson	Ala.
Denne, Eugene Carl		B.S. 1950, Michigan State College	
A.B. 1940, University of Buffalo	Pa.	Dewey, Richard Arthur	
Dennis, Janet Louise	Va.	Dewitt, Harry Morton, Jr.	Va.
Dennis, John Value		B.S. 1942, Alabama Polytechnic Institute	Calif.
A.B. 1941, University of Wisconsin		DeWitt, James Corwin	
Denny, Paul Morrison	D.C.	B.S. 1945, Mount Union College	Md.
den Outer, Kenneth Edward	Md.	Dewitt, Kurt	
deNovens, Marie	N.Y.	A.B. 1941, Reed College	D.C.
A.B. 1917, Hunter College		DeWitt, William Bradley	D.C.
Densford, Ruth H.	D.C.	A.B. 1948, Howard College	D.C.
D'Epiro, Albert Lincoln	Pa.	deWolf, Francis Colt, Jr.	D.C.
D'Epiro, Carl Michael	Pa.	Dey, Russell Carlyle	D.C.
Deppeschmidt, Eugene Alexander	Kans.	Diamond, Lila Ruth	
delQuerez, Fernando Pessoa	Brazil	Diamond, Jack Kenneth	D.C.
DeQueiroz, Jose Pessoa	Brazil	A.B. 1951, The George Washington University	D.C.
DeRemer, Bernard Ray	Ohio	Diamond, Lois W.	D.C.
deRham, Anne-Marie	D.C.	Diamond, Louis Howard	D.C.
Derksen, Carl	Va.	Diane, Robert Paul	D.C.
Dermody, Woodrow Grimes	Va.	Diaz, Adolfo Solorzano	
DeRoco, Vernon James	Calif.	A.B. 1950, The George Washington University	
DeRoin, Gene	Ill.		
A.B. 1949, Cornell College			

# Students Registered

441

Diaz, Carmen Herminia A.B. 1950, University of Puerto Rico	Puerto Rico	DiMaria, Sebastiano	Pa.
Dibble, David Eugene A.B. 1949, The George Washington University	D.C.	DiMartino, Horace Robert	Mass.
DiCaprio, Jennie Grace	N.J.	Dimitroff, Edward Stancheff	D.C.
DiCarlo-Cottone, Melchior Joseph B.S. 1950, Wagner Memorial Lutheran College	N.Y.	Dimmette, Claude Chester, Jr. B.C.E. 1950, The George Washington University	D.C.
Di Cesare, Catherine Frances	Md.	DiMona, Joseph Michael A.B. 1947, Duke University	N.J.
Dick, Arthur Freeman	Va.	DiMona, Mary Hawthorne A.B. 1949, University of North Carolina	Ohio
Dick, Charles Herbert A.B. 1950, University of Maryland	D.C.	Dineen, Eleanor Carol	D.C.
Dickens, Diana Ruth	Okla.	Dinger, Marilyn Ruth	D.C.
Dickens, Fred William, Jr. A.B. 1949, University of Minnesota	Minn.	Dingler, Richard William	Ill.
Dicken, Joy Alice A.B. 1947, Butler University	D.C.	Dingman, Adeline Lake	Md.
Dickerson, Clarence Edward A.M. 1938, University of Wisconsin	D.C.	Dinning, Mary Elizabeth	Ky.
Dickerson, Eric E.	D.C.	Dismore, Ruth Ann B.S. 1949, Massachusetts State Teachers College, Worcester	Mass.
Dickert, Eddie A.B. 1915, A.M. 1934, The George Washington University	D.C.	A.M. 1950, The George Washington University	
Dickey, Maxine	D.C.	Dion, Marie Berthe	D.C.
Dickerson, Helen Douglas	Va.	Dion, Robert Lester	La.
Dickinson, Patricia Cobden B.S. 1947, Rollins College	Conn.	Dionio, David	N.Y.
Dickmeyer, John Thomas A.B. 1949, University of Massachusetts	Va.	DiPaola, Fiorangelo	Italy
Dickson, James Newton, Jr.	Va.	D'Ipollito, Mario	D.C.
Dickson, Robert Carl, Jr.	Va.	Dust, Barbara Jeanne	D.C.
Dickson, Wallace Gordon	Va.	Dusharon, Elmer Woodrow	Va.
Dickson, William Francis	Va.	Disney, Margaret Frances	D.C.
Diehm, Ira Cortland B.S. 1949, Franklin and Marshall College	Pa.	Dittmer, Richard Edward B.S. 1948, Ohio State University	D.C.
Diemer, Robert Arthur	D.C.	Ditz, Edward L., Jr. B.S. 1950, Fairmont State College	Va.
Dienden, Crockett, Jeffery Rosher	D.C.	Divine, William Beach	Va.
Dierks, John Henry	D.C.	Dix, Edgar LaRue	D.C.
Dietz, Cathie Lyon	D.C.	Dix, Francis	Md.
Dietz, Rose Ward	Va.	Dix, Leslie Vernon A.B. 1930, Iowa State Teachers College	Va.
Dietrich, Diane Landre	Va.	Dix, Robert Donald	Pa.
Dietrich, Earl Donald	Va.	Dixon, Clovis Irven, Jr.	Md.
Dietrich, Jack Mitchell	Va.	Dixon, Kenneth Fite A.B. 1945, A.M. 1948, The George Washington University	Va.
Dierckle, Mary Elizabeth	Md.	Dixon, Roland James	Va.
Dietz, Ronald Lee	Kans.	Dixon, Thomas Wilson LL.B. 1949, The George Washington University	Md.
Duffy, Stanley Martin	Va.	Dobak, Philip Louis	D.C.
Duffy, John Edward M.B.A. 1929, University of Michigan	N.Y.	Dobben, Jerry William	D.C.
D'Golian, Anna Maria S. A.B. 1949, Wilson Teachers College	D.C.	Dobkin, Abraham A.B. 1948, The George Washington University	N.Y.
Dika, Charles Gordon	Md.	Doblere, Joanne Marguerite	D.C.
Dillehay, Thomas Jefferson, Jr. B.B.A. 1927, A.M. 1929, Baylor University	Tex.	Dobson, Joanne Louise A.B. 1947, The George Washington University	Md.
Dilley, Donald LeRoy	Colo.	Dobrowolski, Helen Little A.B. 1943, University of North Carolina	Va.
Dilley, Lurley Luke LaSalle	Wash.	Dobrowolski, Paul Victor	Conn.
Dillingham, Nancy Tucker	D.C.	Dobson, Barbara Ruth A.B. 1944, Nebraska State Teachers College	Va.
Dillon, Arthur W. A.B. 1949, University of Arkansas	Ark.	Dobson, Richard Hal B.S. 1949, Kansas State College of Agriculture and Applied Science	Kans.
Dillon, Joe Clyde	Va.	Dodd, Harold Eugene	Va.
Dillon, John Henry	Md.	Doddington, Robert Russell B.S. 1949, United States Military Academy	N.Y.
Dillon, Thomas Power B.S. 1939, University of Pittsburgh	Md.	Dodds, Chamney Yandell, Jr.	D.C.
Dills, Charles Everard B.S. 1949, North Dakota Agricultural College	N.D.		
DiLorenzo, Theodore John A.B. 1950, Trinity College	Conn.		
DiMaio, Marie Ann	R.I.		

Dodge, Edward Wadhams	N.C.	Donovan, Rita Marie	Pa.
B.S. 1950, Georgetown University		B.S. 1942, Pennsylvania State Teachers College	
Dodge, John Edmondson	Va.	Donovan, Thomas Joseph	Conn.
Dodge, John Parker	Md.	B.S. 1950, University of Connecticut	D.C.
A.B. 1940, Johns Hopkins University		Dooban, Walter Francis	D.C.
Dodge, Ruth Avis	Va.	Dooley, Rosemarie	D.C.
A.B. 1926, M.S. 1926, Middlebury College		Dooley, Wilbur Jay	Va.
A.M. 1927, Syracuse University	Ohio	Doolittle, Thomas Butler, Jr.	N.J.
Dodge, Sally Marden	Va.	A.B. 1950, Western Maryland College	
Dodson, Hugh Howie	Maine	Doong, Henry	
Dodwell, Sara Irene	Mass.	B.E.E. 1950, The George Washington University	N.Y.
Doe, Norman Ross		Doran, Dolores Elaine	Va.
A.B. 1948, John Marshall College	Ill.	Dorfman, David	D.C.
Doernenburg, Helen Johanna Hulda	Va.	Dorfman, Milton Sigmond	N.Y.
Dofflemyer, Clyde Evans	W.Va.	Dorie, William Matthew	N.J.
Doggett, Hilda Lee		Doriety, James Douglas	
A.B. 1943, Shepherd College	Va.	B.S. 1949, Villanova College	W.Va.
Dohner, John Ellis	D.C.	Dormady, Beverly Ann	N.Y.
Dolan, Ann Powell	D.C.	Dorosh, Edward Peter	D.C.
Dolan, William Edward	D.C.	Dorr, Bernard Francis	D.C.
Dolfis, John Peter	D.C.	Dorr, Bradford	
Doll, David Kay	D.C.	A.B. 1902, Williams College	Va.
Dollar, Henry		Dorr, Carl Anthony	D.C.
B.C.E. 1937, College of the City of New York	D.C.	Dorrell, Russell Ellsworth	
Dolnick, Ethel Helen		B.S. in E.E. 1934, Carnegie Institute of Technology	D.C.
A.M. 1947, The George Washington University	Va.	Dorris, Morris Bernard	D.C.
Doman, Lois Jenkins		Dorsay, Jeanette	Md.
A.B. 1933, College of William and Mary	Wis.	Dorsett, Helen Elizabeth	D.C.
Domann, William Arthur		A.B. 1950, University of Maryland	Fla.
B.S. 1948, University of Wisconsin	Md.	Dorsey, Guy Houston	D.C.
Domene, Ralph Ruiz	D.C.	Dort, Wallace Emerson	D.C.
Donahay, Justin James	D.C.	Doshier, Billy Franklin	Tenn.
Donahoe, Wade Hampton, Jr.	D.C.	Dosik, David H.	
Donahoe, Walter Joseph, Jr.	D.C.	Doster, Robert Thomas, Jr.	D.C.
Donahue, Edwin Austin	D.C.	A.B. 1950, Vanderbilt University	
Donald, Mary Eleanor	D.C.	Dotson, Maryanna Elizabeth	
Donaldson, Allyn Capron, Jr.	D.C.	A.B. 1948, The George Washington University	Okla.
Donaldson, John Charles	Fla.	Dotson, Robert Lewis	Ill.
Donaldson, John Eldridge, Jr.	D.C.	Doty, Harry Oliver, Jr.	
A.B. 1949, The George Washington University	D.C.	B.S. 1947, M.S. 1949, University of Illinois	D.C.
Donaldson, Robert Williams	N.J.	Doty, Kathleen Agnes	N.Y.
Dondershine, Frank Haskin	Pa.	Dougherty, Harold Joseph	Va.
Dones, William	Mass.	Dougherty, Joseph Patrick	Pa.
Donsen, William Edward		B.E.E. 1950, Catholic University of America	N.D.
B.S. 1948, Boston University	Md.	Dougherty, Louis Leighton	Va.
Donnelly, Gay Sumerville		Dougherty, Thomas James	
B.S. in Ed. 1927, University of Virginia	Pa.	Dougherty, Virginia Baxter	Iowa
Donnelly, John Lappin	Md.	A.B. 1935, Texas State College for Women	
Donnelly, Orville Wright		Dougherty, Wayne J.	D.C.
A.B. 1944, Swarthmore College	D.C.	A.R. 1941, University of Iowa	D.C.
Donnelly, Owen James	Md.	Douglas, Elnor V.	Va.
Donnelly, William Francis	Va.	A.M. 1934, Iowa State University	D.C.
Donney, Janet Marjorie	N.Y.	Douglas, James Andrew	Va.
Donohue, Donald David	D.C.	Douglas, Arthur Allen I.	Md.
Donohue, Florence Irene	D.C.	Douglas, John Frederick	Va.
Donohue, John Andrew	Va.	Douglas, John Robert	Md.
Donohue, Thelma Lorraine		Douglas, Martha Anne	
A.B. 1949, The George Washington University	N.Y.	Douglas, Paul Manuel, Jr.	Va.
Donohue, William George	D.C.	Douglas, Harry Michael	
Donovan, Catherine Angela		B.S. 1942, University of Maryland	
B.S. 1947, Pennsylvania State Teachers College, California	Va.	Dover, Edward A.	
Donovan, Daniel Russell	Mass.	B.S. 1949, Michigan State Normal School	
Donovan, Edward Joseph		M.A. 1953, The George Washington University	



Dow, George Edwin	D.C.	Dreyer, Philip Lewis	Md.
Dow, Helen May	D.C.	A.B. 1950, Reed College	
Dow, Howard Fremont	Va.	Drigani, Adolf Jose	D.C.
Dow, Mary	Mass.	Drummer, Missam Weinberg	N.Y.
Dow, Thomas William	Md.	Drummer, Saul E.	N.Y.
B.S. 1928, M.S. 1941, Purdue University		B.S. 1940, The George Washington University	
Dowell, Earl Simon	Ill.	Driscoll, John Francis Carl	Va.
B.S. 1947, University of Illinois		Driscoll, Joseph Bartholomew	Mass.
LL.B. 1950, The George Washington University		B.S. 1949, Georgetown University	
Dowling, Richard Emmett	N.Y.	Driscoll, Joseph Patrick	D.C.
Dowling, Walter James	Va.	A.B. 1941, LL.B. 1943, Harvard University	
Downes, John Pershing	N.Y.	Driscoll, Michael Joseph	Md.
A.B. 1949, The George Washington University		Driscoll, Robert Edward	Pa.
Downey, Alma G.	Nebr.	Draver, William Joseph	Va.
Downey, Edward Mylo	Md.	A.B. 1941, Niagara University	
Downing, Jacquelyn	Va.	Droll, Henry Andrew	N.Y.
Downing, Joseph Guthrie	Va.	Droney, Paul Vincent	D.C.
Downing, Leslie Burgess	D.C.	Drophan, Herbert A.	N.Y.
B.S. 1920, United States Military Academy		B.E.E. 1950, Cooper Union	
LL.B. 1950, The George Washington University		Druker, Edmond Sidney	N.J.
Down, Edward Alley	N.J.	Droker, Richard Patrick	Mass.
A.B. 1950, Harvard University		Drumm, Anna M.	D.C.
Down, Justin Gaylord	Va.	B.S. 1946, Pennsylvania State Teachers College, Mansfield	
Downs, Richard Francis	Va.	Drummond, Douglas Jay	Md.
B.S. 1949, University of California		B.S. 1950, University of Maryland	
Downs, Robert Jack	Okla.	Drummond, Frank Brown	Va.
Doyle, Ann Catherine	Colo.	Drummond, Thomas Darrell	Va.
Doyle, Bert Aloysius, Jr.	R.I.	Druse, Katharine	Ohio
Doyle, James Henry, Jr.	Calif.	A.B. 1918, Iowa Wesleyan College	
B.S. 1946, United States Naval Academy		A.M. 1926, Columbia University	
Doyle, John Benedict, Jr.	Calif.	Drustup, Norman James	Pa.
A.B. 1948, University of California at Los Angeles		B.S. 1913, United States Naval Academy	
Doyle, Joseph Timothy	Md.	B.C.E. 1917, M.C.E. 1938, Rensselaer Polytechnic Institute	
Doyle, Peter Joseph	D.C.	Drysdale, Charles Carlton	Vt.
Doyle, Shirley	N.Y.	DuBester, Dorothy Emma	D.C.
Doyle, Thomas Roy	Pa.	A.B. 1941, Brooklyn College	
Dozier, Vincent Joseph	D.C.	Dubill, Joseph Andrew	Pa.
Drag, Benjamin LeRoy	Md.	Dubloff, Seymour	D.C.
Drag, Theodore Frank	Va.	A.B. 1948, The George Washington University	
Dragoo, Roland Paul	D.C.	Duchaine, Joseph Alfred Victor	Mass.
B.S. 1941, University of Idaho		Duchesne, Edmund F.	D.C.
B.S. 1949, The George Washington University		A.B. 1950, Catholic University of America	
Draine, Dorothy Ellen	N.C.	Duchesne, Shirley Ann	Va.
Drake, Mary Lou	Iowa	Duckett, Richard Baruch	Md.
A.B. 1914, University of Iowa		Duckworth, Alan Clark	Va.
Drake, Norman Martin	Md.	DuCote, Robert Arthur	Mass.
Draper, Sherwood Albert	Va.	Duda, Paul Joe	D.C.
Draper, Elizabeth Kohl	D.C.	Dudley, Albert Frederick	D.C.
A.B. 1924, A.M. 1933, The George Washington University		Dudley, George Hayden	Va.
B.S. 1935, Wilson Teachers College		Dudley, Gladys Elizabeth	Va.
Dratwick, Christine H.	Md.	Dudley, Jasper Duane	Va.
Draxler, Clarence Prowell	Ill.	Dudley, John Charles	Va.
Drebin, Talbot William	D.C.	A.B. 1949, Delaware University	
A.B. 1948, Harvard University	Idaho	Duffey, Rachel Maroukian	D.C.
Dressel, Robert James	Va.	Dudzik, Sylvester P.	D.C.
A.B. 1950, The George Washington University		Duerksen, Sylvia	D.C.
Dressler, Dorothy Anne	D.C.	Duff, Marie Carmen	D.C.
Dresler, Richard Joseph	Pa.	A.B. 1945, The George Washington University	
Drew, Roger Joseph	Wis.	Duffy, Charles Creighton	Nev.
B.S. 1948, University of Wisconsin		B.S. 1949, University of Nevada	
		Duffy, Charles Gavin	D.C.
		Duffy, Edward F.	N.J.
		Duffy, Marion Margaret	Pa.
		Duffy, William LeClair	Va.

Dufresne, Joseph Paul B.S. 1943, LL.B. 1948, Georgetown University	D.C.	Dunn, Kenneth Henry Dunn, Theodore Franklin A.B. 1948, A.M. 1950, The George Washington University	Mass. Va.
Duft, Donald Matt B.S. in E.E. 1949, Illinois Institute of Technology	Ill.	Dunn, William Francis Dunnivant, James Randolph A.B. 1948, The George Washington University	D.C. D.C.
Dugan, Albert Irvin, Jr. Dugan, Beverly Beam Dugan, Thomas Joseph B.S. 1933, Catholic University of America	Va. Va. Md.	Dunning, Alice Langley A.B. 1945, Queens College A.M. 1944, Clark University	N.Y.
M.D. 1936, The George Washington University		Dunning, Earle Bogart Dunning, James Elliott Dunning, William Charles Dunnington, Elgin Adams, Jr. A.B. 1950, The George Washington University	Calif. D.C. D.C. Md.
Dubdale, Donna Elizabeth A.B. 1949, The George Washington University	D.C.	Dunphy, John Patrick Dunphy, Robert Giles Duplinsky, Edward Nicholas A.B. 1949, The George Washington University	Ohio R.I. Conn.
Duggins, Virginia A. A.B. 1942, Sweet Briar College	Va.	Dupuy, Harold James A.B. 1950, The George Washington University	La.
DuGoff, Albert Morris Duke, Eleanor Carrington Duke, Henry John Duke, Jesse C., Jr. Duke, Margaret Elizabeth B.S. 1944, Mary Washington College	D.C. Va. D.C. Va. W.Va.	Durand, Patience Woolman Durant, James Calvert Durbin, Sol M.E. 1940, Oregon State College Durham, Bryant Rippe Durham, Jean Elizabeth B.S. 1934, Georgia State College for Women	D.C. Va. Va. Va. Ky.
Duke, Thomas Maurice Duke, William Taylor Dulaski, Benedict Joseph Dulcie, Jerome Joseph Duley, Robert Kingston B.S. 1950, University of Richmond	Va. Mass. N.J. Va.	Durham, Mary Sherrill A.B. 1950, The George Washington University	Mich. D.C. D.C.
Dulkie, Joseph Augustine Dum, Frank Bryan Dumaine, Gabriel Romain A.B. 1948, LL.B. 1950, The George Washington University	Mass. Va. Va.	Durkatz, Doris Joan Dusman, Elizabeth Claire Durnbaugh, Evelyn Grace A.B. 1933, The George Washington University	Md. Mass. D.C. S.C.
Dumm, Richard Clarence Dunavent, Roy Joseph Dunaway, Edward George Dunbar, John Paul A.B. 1950, The George Washington University	Va. D.C. D.C. D.C.	Durr, Lawrence Ervin D'Urso, Alfred Mario Durst, Marylouise Weedon Dusenbury, Richard Green A.B. 1946, University of South Carolina	Md. Va. W.Va.
Duncan, Carolyn Agnes Duncan, Donald George Duncan, Donald Richard A.B. 1938, Ohio State University	D.C. D.C. Mo.	Duska, John George Duthie, Charles Lockwood Duval, James Dunlop, Jr. B.S. in E.E. 1949, Virginia Polytechnic Institute	Va. Va.
Duncan, Harold Owen B.S. 1941, University of Georgia	Ga.	DuVal, John Harvey, Jr. Duvall, Mabel Belle A.B. 1944, The George Washington University	Idaho Md. Mass. Mass.
Duncan, James Thomas Duncan, John Kenneth A.B. 1947, The George Washington University	Va.	Dworshak, Calvin George Dworsky, Dena Leigh Dwyer, Helen Marguerite Dwyer, Jean F. A.B. 1948, The George Washington University	D.C.
Duncan, John Ogilvie A.B. 1949, The George Washington University	Va. Ohio	Dwyer, John Joseph A.B. 1948, LL.B. 1950, The George Washington University	Ill.
Duncan, William Edward Dunfee, Bernadine Langdon B.S. 1939, Wilmington College	Va. Md.	Dwyer, Joseph Raymond B.S. 1942, St. Ambrose College I.D. 1948, DePaul University	Md.
Dunkle-David, Ann Dunlap, Mary Carolyn A.M. 1950, University of Maryland	D.C.	Dwyer, Louis Eugene Jr. B.S. 1948, American University	Md. D.C.
Dunlap, Ruth Elaine Dunn, Cecil Edward Dunn, Dorothy A.B. 1945, University of Nebraska	D.C. D.C. Nebr.	Dwyer, Vincent W. Dunn Dyckes, Catherine Cobb	
Dunn, Florence Georgia Wright Dunn, George Martin A.B. 1949, The George Washington University	D.C.		
Dunn, Howard A.B. 1916, College of the City of New York A.M. 1949, Columbia University	N.Y.		

# Students Registered

445

Dyck, William Donald A.B. 1950, The George Washington University	Kans.	Eby, Amy Bowen A.B. 1939, Shepherd State Teachers College	Md.
Dye, Mary Charleen	Va.	Eccleston, Harold Norris, Jr.	Md.
Dyer, Garrett, Malcolm	D.C.	Echeagaray, Maquel de	D.C.
Dyer, James Arthur	Md.	Eck, John Paul	D.C.
Dyer, Robert Francis	D.C.	Eckenrode, Charles Joseph	Va.
Dykes, John Krize	D.C.	A.B. 1935, Mount St. Mary's College	
Dykman, Harry Trowbridge	Va.	A.M. 1942, University of Maryland	
Dyson, Constance Oslane	D.C.	Eckerle, Richard Lawrence	Va.
Dysart, Thomas Gilmore	Mo.	Eckerle, Norma Halliman	Va.
B.S. in M.E. 1943, University of Missouri		Eckert, Robert William	Pa.
Dysland, Robert Carroll	Md.	Economon, Straty Harry	D.C.
		Edelen, Sister Mary Joseph	Pa.
		Edelman, Leonard	N.Y.
		Edelsheim, Barbara Harriet	D.C.
		Edelsheim, Theodore Edward	D.C.
		Edelson, Jerry	Ohio
E		A.B. 1949, University of Cincinnati	
Eads, James Kirk	D.C.	Eden, William Earl	Md.
A.B. 1936, A.M. 1937, Columbia University		Edenbaum, Robert Lawrence	N.Y.
Eagan, Frances Ellen	D.C.	Edgar, Jean Neeson	Va.
Eagan, Thomas Leggett, Jr.	Md.	Edgerton, Hannah	D.C.
Eagle, Robert Harold	Fla.	Edgins, James Allen	D.C.
B.S. 1948, University of North Carolina		Edler, Karl Frederick	D.C.
Eaholtz, Galen Martin	Pa.	Edlow, Eleanor Louise	Va.
Eaker, Herbert Lowell	Va.	Edmiston, Margaret Belle	Va.
Eaker, Robert Lee	Pa.	Edmondson, Francis Livingston	Fla.
Eaney, Charles Harold	D.C.	B.P.L. 1924, Emory University	
Eaney, Morton Philip	D.C.	Edmonston, William Edward, Jr.	Md.
A.B. 1947, Yale University		Edsall, Hanford Meeker	Va.
Eareckson, Ruth B.	Md.	A.B. 1945, Washington University	
B.S. 1933, Wilson Teachers College		Edsall, Margaret Hartman	Va.
A.M. 1949, The George Washington University		A.B. 1930, The George Washington University	
Earich, Douglas Ray	Pa.	Edwall, Warren Emerson	Ill.
A.B. 1949, Lebanon Valley College		A.B. 1950, The George Washington University	
Earl, Ira Roy	Nev.	Edwards, Betty Ann Landrum	Ala.
B.S. 1948, Brigham Young University		A.B. 1951, Howard College	
Earl, Owen Ken	Idaho	Edwards, Fred I.	D.C.
A.B. 1948, Brigham Young University		Edwards, Henry William	Va.
Earle, Elizabeth Rebecca	D.C.	B.Ed. 1945, Montana State Normal College	
Earle, Marilyn	Va.	Edwards, Jamie Louise	Md.
Early, Frances J.	D.C.	Edwards, John Robert	Va.
Early, William Eugene	D.C.	B.S. 1949, Georgetown University	
Early, William Thomas	D.C.	Edwards, Leigh Winter	Va.
Early, William Norman	D.C.	Edwards, Marion William	Kans.
Earnan, John William, Jr.	D.C.	A.B. 1950, The George Washington University	
Earnest, Elmer Dean	Pa.	Edwards, Robert Bruce	D.C.
Earnheart, Frank Jones	Md.	Edwards, Rosaline Mary	D.C.
A.B. 1947, University of North Carolina		B.S. 1934 A.M. 1935, Fordham University	
Easley, Giles Monroe	Tex.	Edwards, Rosand Hurbitt	Okla.
East, William Francis	Va.	Edwards, Virginia Lucile	Va.
A.B. 1949, Western Maryland College		Edwin, Gabriel	Md.
Easter, William Taylor	N.C.	B.S. 1949, The George Washington University	
Eavelam, Rosser Jackson	Va.	Efron, Remben	D.C.
Eatham, Sylvia Ellen	Va.	Efron, Ali	D.C.
B.S. 1942, University of Washington		Elteland, Robert Grant	Oreg.
Eastman, Samuel Thomas	Va.	A.B. 1941, Stanford University	
Eaton, Carl Wilbur	D.C.	Egan, Adrian Patrick	D.C.
Eaton, Amy Hughes	Ark.	Egan, Catherine Mary	D.C.
Eaton, John David	Mass.	Egan, Charles Alfred	Va.
B.S. 1944, United States Naval Academy		Egan, George William	D.C.
Ebel, Josse Marie	D.C.	Epbert, John Paul	Md.
Eberly, Josse Faleen	Nebr.	Epker, Roscoe Lynn, Jr.	Md.
Ebersole, Gordon Keith	Mont.	B.S. 1942, Indiana University	
Ebersole, William Perkins	Ala.	Ehrlich, Helen Gertrude	Mass.
Ebert, Eugene	D.C.		
Eberwein, Muriel Eva	Mo.		



Ehrmantraut, Willfred Russell B.S. 1948, University of Maryland	Md.	Elliott, Henry Harold	D.C.
Eicke, Woodward G., Jr.	D.C.	Elliott, John Robert	Okl.
Eickenroht, Marvin Bates B.S. in C.E. 1947, LL.B. 1950, University of Texas	Tex.	A.B. 1949, Oklahoma Agricultural and Mechanical College	Va.
Eidson, Nora LaVerne	Miss.	Elliott, Lois	D.C.
Eigenbrode, Charles Robert	Md.	Elliott, Robert A.	Md.
A.B. 1950, Lebanon Valley College		Elliott, Stephen Lyons	Ark.
Eilbert, Richard Lyle	D.C.	Ellis, Calvin Warren	
Eilenberg, David	N.J.	A.B. 1950, The George Washington University	Ark.
A.B. 1949, The George Washington University		Ellis, Clyde Taylor	Ohio
Emmer, Margaret Hermann	D.C.	Ellis, David Marion	N.Y.
Emmbinden, John Collum	Va.	Ellis, Doris Rosenberg	N.J.
Emmfrank, Samuel	Wis.	Ellis, Dorothy Leah	
Emmheber, Albert	Pa.	A.B. 1949, Smith College	D.C.
A.B. 1948, M.S. 1950, The George Washington University		Ellis, Homer Rudolph, Jr.	D.C.
Eisenberg, Bernard Carl	D.C.	Ellis, James G., Jr.	Ga.
Eisenberg, Warren William	N.J.	Ellis, John Reavis	D.C.
Eisenburger, Dorothy Evelyn	N.Y.	Ellis, Marguerite Alice	N.Y.
Eisner, Jerome	Pa.	Ellis, Marian Bissell	Hawaii
Ekendahl, Lillian Mabel	Md.	Ellis, Robert Kekumu	
Ekman, Donald Quintin	Va.	A.B. 1949, Harvard University	D.C.
Elam, James Abner	Va.	Ellis, Roberta Anne	Tenn.
Elam, Barbara Jean	D.C.	Ellison, Charles Dewey, Jr.	Va.
Elansky, Joseph	D.C.	Ellison, Lorraine Emma	D.C.
Elder, Helen Koch	Conn.	Ellowitz, George	Md.
Elder, John Francis	Ga.	Elly, Patricia	
Elder, Vernon David	D.C.	A.B. 1949, College of Notre Dame of Maryland	N.Y.
Eldridge, John Doughty, Jr.	D.C.	Elman, Josef Katten	D.C.
B.S. 1950, Wilson Teachers College		Elmendorf, Arlene Mae	D.C.
Eldridge, Robert Breene	D.C.	Elmore, Willett	Tex.
A.B. 1948, Duke University		Elstrand, John Grover	
Eliades, Elias George	D.C.	A.B. 1950, Texas Christian University	D.C.
Eliades, Homer Constantine	Va.	Elvert, Phyllis Jean	Md.
A.B. 1949, University of Virginia		Elward, Elizabeth Anne	D.C.
Elinson, Jack	N.Y.	A.B. 1949, Trinity College	
B.S. 1937, College of the City of New York		Elward, Joseph Francis	D.C.
A.M. 1946, The George Washington University		B.S. 1950, Davis and Elkins College	Va.
Eliot, Arthur B.	N.Y.	Elwell, Richard Brans	Va.
B.E.E. 1949, College of the City of New York		Elwyn, Mary Ball	Ohio
Elkin, Benjamin	Ill.	Ely, Adair Anderson	
A.B. 1949, The George Washington University		Ely, Frances Helena	W.Va.
Elkin, Evelyn	Ill.	B.S. 1950, Western Reserve University	Va.
Elkins, Katherine Hallie	D.C.	Ely, Marvin Thomas	D.C.
B.S. 1949, Simmons College		Embrey, Clyde Edward	D.C.
Elkins, Natalie Jane	W.Va.	Embrey, Thomas Carl	D.C.
Elkins, Richard Lonsdale	Md.	Embry, Eugene Emmett	Va.
Elko, George Henry	Pa.	Embry, Wallace McKenzie	
B.S. 1941, Pennsylvania State Teach- ers College, Indiana		Emerson, Daniel Everett	Maine
Elko, Helen	Pa.	B.E.E. 1949, Cornell University	
Ellenberger, Kenneth Rehl	Ohio	Emerson, Edyth Hildegard	Md.
B.S. 1949, LL.B. 1948, Ohio State University		B.S. 1942, Nasson College	Md.
Ellenwood, Robert Carrington	Va.	Emerson, Harold Leonard	N.Y.
B.S. 1943, Ohio University		Emerson, Margaret Wagner	Ill.
Eller, Robert Whittington	Md.	Emma, Paschal Joseph	
Ellett, Nancy Lee	Md.	Emmert, Henry Theodore	Mass.
Ellington, Jennifer	Md.	A.B. 1940, Augustana College	D.C.
Ellington, Joan Goodyear	Okl.	Emmett, Thomas James	Calif.
Ellington, Don B.	Pa.	Emmett, William Joseph	
Elliott, Edwin Walter	Va.	Emmons, Baird Elus	Wash.
Elliott, Elizabeth Merchant	Pa.	A.B. 1941, University of Nebraska	D.C.
Elliott, Frank Carson		Emory, George Meade	Md.
A.B. 1949, The George Washington University		Emory, Orville James, Jr.	
		Endres, Arthur Philip	Calif.
		B.S. 1941, University of Wisconsin	Va.
		Enever, Grace	D.C.
		Eney, Richard Harris	N.Y.
		Engelman, Phyllis Claire	
		Engelstein, Lena Schrager	
		A.B. 1933, B.S. in L.S. 1937, Syra- cuse University	
		England, James William	N.J.

Students Registered

447

England, Ralph McCrary			
Engel, Edward	Ala.	Eslinger, Frank Robert	D.C.
Engle, Donald Ray	N.Y.	B.S. 1946, University of New Mexico	
English, Chester Edwin, Jr.	Pa.	Esmail, Joseph	N.Y.
English, Iberia	Ohio	B.S. 1948, John B. Stetson University	
Engholm, Eric Rudolph	Ark.	Esparolini, Carmen Rita	D.C.
Enis, Fanny	Va.	Esparolini, Luis Manuel	D.C.
Enis, Thibert Wright	D.C.	Espenshade, Marlin Alwine	Pa.
Ennis, Harry Hughes	D.C.	B.S. 1941, Lebanon Valley College	
Enright, Thomas Martin	Utah	M.S. 1943, Purdue University	
Enriquez, Jean Gordon	D.C.	Espereth, Warren Joseph	Wis.
B.S. 1949, The George Washington University	Va.	Espey, Beatrice Mae Graham	Md.
Entler, Edmond Paul		A.B. 1928, University of Nebraska	
Enwright, James Charles	W.Va.	Essal, John Joseph	Pa.
Enyart, Mary Ellen	D.C.	Esser, Richard Clarence	Pa.
Enzel, Nathan	D.C.	Esser, William Bernard	Va.
Enzor, Thomas Henry, Jr.	D.C.	Estrick, Abraham Joseph	Pa.
A.B. 1950, The George Washington University	Va.	Estanich, Joseph Anthony	Pa.
Epstein, Bart Jacob		A.B. 1950, The George Washington University	
B.S. 1948, Cornell University	Md.	Esten, Harold	Md.
Epstein, Burton Seymour		Esterly, Robert Elden	Minn.
Epstein, Betty Ruth	D.C.	A.B. 1950, Macalester College	
Epstein, Jerome Harold	D.C.	Estes, Armand William	D.C.
A.B. 1947, New York University	D.C.	Estes, Elvin Strong	Va.
A.M. 1949, The George Washington University		B.S. in B.A. 1947, Rutgers University	
Epstein, Marion	Mass.	Estes, Milbrey Lee	D.C.
A.B. 1949, The George Washington University		Ethier, Henry Edward	D.C.
Epstein, Melvin Douglas		Ethington, Paul James	Va.
Epstein, Milton	Md.	B.S. 1949, Iowa State College	
A.B. 1948, New York University	N.Y.	Ethington, Robert Mack	D.C.
Erb, Charlotte Margaret		Ettleman, Walter Irvin, Jr.	N.M.
A.B. 1949, MacMurray College for Women	Md.	B.S. 1943, University of New Mexico	
Erege, John Joseph		Ettenger, Robert Lee, III	Md.
ERRA, Isaac		B.S. 1948, North Carolina University	
B.M.E. 1948, New York University	Ohio	Eubank, Joyce Waverly	W.Va.
Erickson, Ernest Gilford	N.Y.	Eubank, Nellie Joyce	Va.
A.B. 1941, University of Washington		A.B. 1946, University of Richmond	
Erickson, Maybelle Gertrude	Va.	Euster, Lee	D.C.
Ericson, John Williamson	Kans.	Evans, Barbara Faith	Md.
B.S. in Ch.E. 1949, University of Illinois	Va.	Evans, Beatrice	Mass.
Erlich, Martin		Evans, Carleton Kriete, Jr.	D.C.
A.B. 1947, Temple University	D.C.	Evans, Clarence William	D.C.
B.S. in I.S. 1948, Drexel Institute of Technology		Evans, David Robert	D.C.
Ernst, Donald Herman		Evans, Edwin Mortimer	Va.
Ernst, Ingeborg	D.C.	Evans, James Gilbert, Jr.	Va.
Ernst, Jaime A.	Mexico	A.B. 1947, University of North Carolina	
Ernst, Peggy Ann	Bolivia	LL.B. 1950, University of Virginia	
A.B. 1953, Wilson College	D.C.	Evans, James Paul	D.C.
Erwin, Clyde Vernon, Jr.		Evans, Joan Estelle	Md.
A.B. 1950, North Central College	Ill.	Evans, John Burnison	Va.
Erwin, John Daniel		Evans, John Jacob	Pa.
A.B. 1948, University of Southern California	Calif.	A.B. 1947, Lehigh University	
Esch, Albert Frederick		Evans, Joyce Louise	D.C.
A.B. 1949, The George Washington University	D.C.	Evans, Katherine Winton	Minn.
Eschbach, Frederick Edward		A.B. 1946, Vassar College	
A.B. 1949, University of Pittsburgh	N.Y.	Evans, Nancy Whittemore	D.C.
Esechie, Josefina		Evans, Opal Augusta	Va.
Eskew, Solomon	D.C.	A.B. 1930, University of Kansas	
Eskenazi, Norman	N.Y.	Evans, Patricia Shrene	D.C.
A.B. 1950, The George Washington University	N.D.	Evans, Richard Timothy	Md.
Eskite, Wilbur Henry, Jr.	D.C.	Evans, Robert M.	D.C.
		Evans, Rowland, Jr.	Pa.
		Evans, Roy Lester	Md.
		B.S. 1949, Indiana Central College	
		Evans, Walker Williams	D.C.
		B.S. 1939, Presbyterian College	
		Evans, William George	Pa.
		Evenen, Turhan Hefzi	Turkey
		Eve, Christopher Fitzsimon	S.C.
		Evensen, Ronald Norman	Va.
		B.A.E. 1943, University of Minnesota	

Everding, Vincent Harmon	Va.	Faith, Ruth Louise	Pa.
Everett, Franklin Milton	D.C.	B.S. 1950, Pennsylvania State Teachers College, Indiana	D.C.
B.S. 1950, The George Washington University		Falardeau, Thelma Elaine	W.Va.
Everett, Gerald Waddell	Md.	Falatko, Arbutus Beaver	Pa.
Everhart, Clarence Edward, Jr.	Ohio	Falatko, Thomas Stephen	D.C.
B.S. 1948, Western Reserve University		Falbo, Samuel Diaz	Pa.
Everly, Janice Marie	D.C.	Falcinelli, Alfred Alexander	D.C.
Evers, Herbert Joseph	D.C.	Falco, Mary Anne	Pa.
B.M.E. 1947, Cooper Union		Falcone, Ralph Ernest	Calif.
Everson, Cora Eva	Ohio	Falconer, Helen Jean	N.J.
A.B. 1928, Ohio University		Falkinburg, Francis Clarence	
A.M. 1936, Ohio State University		B.M.E. 1948, The George Washington University	N.J.
Evertz, Franklyn Walter	Md.	Falkinburg, Harry James	D.C.
Eves, Walter Curtis	Md.	Falsetti, Lorenzo Francis	Md.
B.S. 1948, University of Pennsylvania		Famous, Priscilla	N.Y.
Evinaki, Cassimer K.	Mich.	Fandelli, George Marion, Jr.	
Ewald, Arden Anton, Jr.	Va.	B.S. 1950, The George Washington University	D.C.
Ewan, Edward Theodore		Fankhauser, Henry Fred	Md.
B.S. 1947, Southwest Missouri State College	D.C.	Fannell, Sue Sherman	D.C.
Ewers, John Robert	D.C.	Fanning, Constance Marie	Md.
Ewin, James Coe		Fant, Stanley Livingston	N.Y.
B.S. 1950, University of Maryland	Va.	Farley, Philip John	D.C.
Ewing, Mary Kennedy	D.C.	Farley, Thomas Albert	Calif.
Ewton, Merle Clement	Va.	Farmer, Guinnette Katherine	D.C.
Eaten, Gerald Maurice	Miss.	Farmer, Paris France	Md.
Exam, Frances Marie	D.C.	Farmer, Richard Hodgkins	Va.
Eyer, Alfred Warner	Va.	Farmer, Robert Singleton	Idaho
Eynon, William John		Farnes, Wallace Darwin	
		A.B. 1951, Idaho State College	W.Va.
F		Farnsworth, Carl Jackson	
Faber, Bernard Morris	D.C.	A.B. 1936, Shepherd College	D.C.
Fackler, Walter David	D.C.	Faroh, Orlando Jorge	Fla.
A.B. 1950, The George Washington University		Farquharson, Sue Wahle	Utah
Faddeley, Ann Rice	D.C.	Farr, Boyd Joseph	Pa.
Faddeley, Jane McNeal	D.C.	Farr, John Whelen, Jr.	D.C.
Faer, Herbert	D.C.	Farrell, Albert Bernard	Va.
Fahey, Evelyn		A.B. 1937, University of Maryland	Ill.
A.B. 1949, American University	Va.	Farrell, Diane Carolyn	
Fahrney, James Bowman	Va.	Farrell, Eileen Frances	Va.
Fahrney, Jane Lee	D.C.	A.B. 1941, College of St. Francis	
Fahrney, Jean Stoner	Ohio	Farrell, John Joseph	D.C.
Faidley, Jack Edward	Ga.	B.S. 1946, University of South Carolina	Va.
Fain, Alice J.		Farrell, Katherine Louise	
A.B. 1948, University of Georgia	Va.	Farrow, Richard Paul	
Fain, Joseph Stutzman	D.C.	A.B. 1950, Catholic University of America	N.J.
A.B. 1947, Milligan College	Va.	Farwell, Natalie Anne	Pa.
Fain, Martin Robert	N.Y.	A.B. 1950, The George Washington University	N.J.
Fair, Martha Christine		Fassberg, Benjamin Charles	Va.
Fairbank, Ruth Elizabeth	D.C.	Fast, Rita Sandra	Tex.
A.B. 1949, University of Michigan		Fath, Mary Agnes	
Fairbanks, Eugene Francis	Ky.	Faubion, Urban Hart	Calif.
A.B. 1946, University of Kansas	Pa.	B.S. in E.E. 1948, University of Texas	D.C.
Fairchild, John Cyrus	Va.	Faught, Roy Kingdon, Jr.	
Fairchild, Richard Paul	D.C.	Faulconer, Ann Parker	Md.
Fairchild, Vida I.	D.C.	A.B. 1950, University of North Carolina	D.C.
B.S. 1931, Temple University		Faulds, Margaret Anne	D.C.
Faircloth, Micager B., Jr.		Faust, James Emory	
Faison, Edmund Winston Jordan	D.C.	A.B. 1948, The George Washington University	D.C.
A.B. 1948, A.M. 1950, The George Washington University		Faust, Wilda Freebern	
Faith, Don Carlos	D.C.	A.B. 1939, Iowa State Teachers College	Pa.
A.B., A.M. 1949, The George Washington University	D.C.	A.M. 1943, University of Florida	
Faith, Edward Stuart	D.C.	Favarella, Samuel Peter	
Faith, Ethelyn Juanita			
B.S. 1950, Tennessee State Teachers College			



# Students Registered

449

Favre, Pierre André		Fennell, Sue Sherman	Md.
Fawal, Isa Aziz	Switzerland	Fenner, Iva Mae	Iowa
Fawver, Bettye Eileen	D.C.	A.B. 1946, Upper Iowa University	
Faxon, Glen S., Jr.	Va.	Fenster, Phyllis Rose	D.C.
Faxon, Virginia	Va.	Fenton, Ann Mascmer	Va.
Fay, Eleanor Therese	Mass.	Fenton, Barbara Walker	Va.
Fegan, Eugene Riley	Pa.	Fenton, Elizabeth Faulkner	D.C.
Fealy, Jack	Va.	Fenton, Evelyn Roberts	D.C.
B.S. 1947, Birmingham-Southern College	Ala.	Fenton, Patricia Joanne	D.C.
Fearnow, John Tyler		Fentress, Grayson G.	Va.
Feaster, Eston Kermit	D.C.	Fenwick, Paul Robert	Oreg.
A.B. 1935, Fairmont State College	W.Va.	Fesa, Joseph Richard	Va.
A.M. 1940, West Virginia University		Ferero, Edward George	N.J.
Febles, Francisco, Jr.	Puerto Rico	Ferguson, Annabelle Evelyn	Md.
B.S. 1950, The George Washington University		B.S. 1944, M.Ed. 1948, University of Pittsburgh	
Febrey, Albert William	Va.	Ferguson, Frank H.	D.C.
Feder, Joan Ruth	D.C.	B.S. 1942, Lehigh University	
Federico, Joan Foye	D.C.	Ferguson, James Hilburn	Ala.
Federico, Patricia Moras	D.C.	Ferguson, Marion	D.C.
Federle, Jesse Alan	D.C.	B.S. 1930, George Peabody College for Teachers	
A.B. 1949, The George Washington University	Nebr.	Ferguson, Robert Wallace	Mass.
Federman, Arthur David		Ferguson, William Holmes	Okla.
Fedorko, Rosemarie Elaine	Mass.	B.S. 1949, University of Tulsa	
A.B. 1949, Indiana University	Ind.	Ferguson, Eugene Stuart	N.Y.
Feeney, Joseph Edward, Jr.		B.S. 1940, Columbia University	
Feezel, Richard Albert	Conn.	Fern, Benjamin Richard	Va.
B.S. 1947, Western Reserve University	Ohio	A.B. 1942, Queens College	
Feran, Bernard Joseph	Md.	Fernandez, Carlos Benito	D.C.
B.S. 1940, Georgetown University		LL.D. 1943, University of Havana	
Fegan, James Gerhardt	D.C.	LL.B. 1949, University of Miami	
Field, Frances Elizabeth	D.C.	Fernandez, John Patrick	N.Y.
A.B. 1950, Texas Christian University	D.C.	Fernbach, Donald J.	N.Y.
Feinberg, Leonard Jay	Pa.	A.B. 1948, Tusculum College	
B.S. 1947, Rutgers University		Fernley, Samuel Edgar, Jr.	D.C.
Feingold, Edgar Lee	Pa.	Ferree, Itha Henrietta	Pa.
Feingold, Leah Levina	D.C.	Ferrell, Imogene D.	D.C.
Feissner, John Edward, Jr.	D.C.	Ferrell, Robert Bennett	Ga.
Felt, Terry Sandra	N.Y.	Ferris, Irma Lee	Md.
Fekete, Andrew Maurice	Va.	Ferris, Lucille Grace	Ill.
Fela, George Henry	Pa.	Fetherolf, Mitchell William	Va.
Felder, Stanford	D.C.	B.S. 1934, Muhlenberg College	
Feldman, Edmund Henry	D.C.	Fetterolf, Wallace Kermit	Va.
Feldman, George Edwin	D.C.	A.B. 1950, The George Washington University	
Feldman, Martha	Va.	Feuerstein, Erwin	Va.
B.S. 1947, University of Georgia	Fla.	B.E.E. 1947, M.S. 1940, Ohio State University	
Feldman, Sylvia Dollie	D.C.	Feula, James Joseph	N.J.
Feliciotti, Dominic	R.I.	B.S. 1950, The George Washington University	
B.S. 1950, The George Washington University		Feyrer, Nancy	N.J.
Felton, James August	N.Y.	Fiala, James George	D.C.
Fell, Edward Louis	Va.	Fiddler, Robert William	N.Y.
Feller, Ralph Miles	N.Y.	B.M.E. 1946, College of the City of New York	
Feltman, Herbert	N.H.	Fiedler, August Frederick	D.C.
Fello, Joseph Amile	D.C.	Field, Gerald Alfred	Va.
Fellows, Keith Harrison	Va.	Field, Ivan Lee	N.Y.
Feltman, Robert Ferree	Va.	Field, Milton Mortimer	
A.B. 1949, The George Washington University		B.S. in E.E. 1949, University of Nebraska	
Fender, Ross Calvin	Nebr.	Fielding, Robert Kent	Utah
Fenchell, Melvin Medford	N.Y.	B.S. 1950, Brigham Young University	
A.B. 1943, Dartmouth College		Fields, Herbert Ebert	Va.
Fenchell, Patricia Condon	Va.	Fields, I. Oletha	Tex.
A.P. 1943, Barnard College		Fields, Paul Henry, Jr.	N.C.
Fenlon, John Llewellyn	Va.	Fields, Victor	Md.
B.S. 1933, The George Washington University		B.S. 1934, Brooklyn College	
Fenlon, Raymond Henry	Mich.	A.M. 1936, Columbia University	
B.S. 1949, The George Washington University			

Figg, Anabel Courtenay	Va.	Finter, Mary Fae	D.C.
A.B. 1944, College of William and Mary		A.B. 1950, Duke University	Va.
Filaroo, Silvio Carl	Fla.	Finton, James Robert	Conn
File, Richard S., Jr.	Va.	B.S. 1941, University of Maryland	
Filipek, Edward Gregory	Mass.	Fiolek, Jacob P.	
A.B. 1949, The George Washington University		A.B. 1949, The George Washington University	D.C.
Filipovic, Branka	Yugoslavia	Fioramonti, Mary Clair	
Filipowicz, Casimir Anthony	N.Y.	B.S. 1940, The George Washington University	N.Y.
Filippone, Joseph Stephen	N.Y.	Fiorello, Philip	
Fillyaw, Monnie Maxine	D.C.	A.B. 1950, Kent State University	D.C.
Filsinger, Ruth Isabel	Md.	Firnbacher, Frederick Stephen	D.C.
Finamore, Ardis Woodall	N.D.	First, Stanley Alfred	
Finch, Elizabeth	S.C.	B.B.A. 1949, University of Miami	N.Y.
A.B. 1930, Furman University		Fischbeck, Emile Morris	D.C.
Finch, Lowell Edwin	D.C.	Fischel, Paul Emanuel	D.C.
Finch, Paul	N.C.	Fischer, Harry Carl	
A.B. 1949, Arizona State College		A.B. 1949, The George Washington University	Va.
Finch, Walter Gilchrist	Md.	Fischer, Herbert S.	
B.M.E. 1940, Johns Hopkins University		B.S. in E.E. 1949, University of Missouri	D.C.
LL.B. 1948, M.B.A. 1949, Temple University		Fischer, John Janos	Md.
LL.M. 1949, The George Washington University		LL.D. 1932, University of Szeged	D.C.
M.E. 1950, Johns Hopkins University	N.Y.	Fischer, Noell Leroy	Pa.
Findur, Ellen May	Pa.	Fischler, Jordan	Va.
Fine, Edward Earl, Jr.		Fischman, Morton	Mass.
B.S. 1948, American University	Pa.	Fischman, Morton William	D.C.
Fine, Martin Meyer		Fisette, Normand Aime	
B.S. 1948, Bucknell University	Pa.	Fish, Hamilton, Jr.	Mass.
Fine, Ruth Betty	Ariz.	A.B. 1949, Harvard University	
Fine, Sidney A.	Va.	Fish, Harold Bradford	
B.S. 1936, M.S. 1940, College of the City of New York		B.S. 1942, United States Naval Academy	Va.
Fineblum, Solomon Sidney	Md.	Fish, James Monroe	
Finefrock, Vernon Paul	D.C.	B.S. 1948, College of William and Mary	D.C.
Fink, James Albert, Jr.	Va.	Fish, Joanne Margaret	
Fink, Jules Verne	D.C.	A.B. 1949, The George Washington University	N.Y.
A.B. 1949, The George Washington University		Fishbein, Lawrence	
Fink, William Walter	N.J.	B.S. 1948, Brooklyn College	N.Y.
Finken, John Anthony	Va.	Fishbein, Seymour Leonard	N.C.
B.S. 1947, M.S. 1948, University of Wisconsin		Fishel, Katherine Harriet	
Finken, Warren Elroy	Va.	A.B. 1945, University of North Carolina	Ohio
B.S. in M.E. 1948, University of Wisconsin		Fisher, Carl William	D.C.
Finlay, Helen King	Va.	Fisher, Caroline Speer	Va.
A.B. 1945, Huntington College		A.B. 1944, Vassar College	
A.M. 1947, The George Washington University		Fisher, Frank Marshall	La.
Finlayson, Margaret Nadine	Calif.	B.S. 1943, United States Coast Guard Academy	W.Va.
A.B. 1948, Pomona College		Fisher, Henry Estorpe	
B.L.S. 1950, University of California		Fisher, James Bernard	Va.
Finley, Charles Truman	Md.	B.S.F. 1936, University of Georgia	N.C.
Finn, Agnes Genevieve	Ill.	Fisher, James Lloyd	Md.
Finn, John Louis	Pa.	Fisher, Janet Elizabeth	
B.S. 1942, LL.B. 1949, Georgetown University		Fisher, John H.	
Finn, John William	Conn.	Doctor of Laws 1951, University of Prague	D.C.
Finnegan, Hugh James	Va.	Fisher, John Wilson	D.C.
Finnegan, Robert James	Md.	Fisher, Joseph Henry	Va.
B.S. 1946, University of Notre Dame		Fisher, Joseph Lyman	
Finnell, Albert Thomas	Va.	B.S. 1935, Bowdoin College	
Finnell, John Hare	Va.	A.M. 1938, Ph.D. 1947, Harvard University	Va.
A.B. 1930, West Virginia University		Fisher, Margaret Winslow	Pa.
Finnell, Robert Francis	Mass.	A.B. 1943, Reed College	
Finney, Charles Narber	Neb.	Fisher, Marilouise	
Finstad, Alice Olga	N.D.	A.B. 1946, The George Washington University	
Finta, Quinn	D.C.		

Students Registered

451

Fisher, Mary Carlton A.B. 1950, Middlebury College	Pa.	Fletcher, Benjamin Lyle, Jr.	Va.
Fisher, Robert Charles	Mo.	Fletcher, Darrell Wade	D.C.
Fisher, Virginia Mae	Pa.	Fletcher, Fernie	Md.
Fishman, Gerald Emmanuel	N.Y.	Fletcher, Hugh C.	D.C.
Fisk, Mary Elizabeth B.E. 1947, Keene Teachers College, N. H.	N.H.	Fletcher, Lloyd Lee A.B. 1950, The George Washington University	D.C.
Fitch, Doris Jean	D.C.	Fletcher, Maurice Clinton	Md.
Fitch, Mildred Elizabeth	D.C.	Fletcher, Silas	Va.
Fitch, Paul Bernell	Mich.	Fletcher, William Bartlett, Jr. B.S. 1920, United States Naval Academy	D.C.
Fitch, Richard Walsh, Jr. A.B. 1932, Amherst College	Conn.	M.S. 1927, Columbia University	
LL.B. 1949, Columbia University		Fletcher, William Stone	Va.
Fitzgerald, Charles Tuckerman A.B. 1925, United States Naval Academy	Md.	Fleury, George Edward	Va.
Fitzgerald, David Tarrant	Md.	Fleury, Leonne Anne	Mass.
Fitzgerald, Donald Edward A.B. 1949, LL.B. 1950, The George Washington University	D.C.	Flexer, Milton	N.Y.
Fitzgerald, Paul Albert B.S. 1935, LL.B. 1938, St. John's University	N.Y.	Flückiger, Ted Lawrence B.S. 1950, Western Reserve University	Ohio
Fitzpatrick, Edward James	D.C.	Flieger, Howard Wentworth, Jr.	Md.
Fitzpatrick, George Ruddell	Pa.	Flieger, Kenneth Hugh	Md.
Fitzpatrick, William Joseph	Md.	Fling, Martha Kathryn A.B. 1949, The George Washington University	Ga.
Fitzpatrick, William Joseph B.Ch.E. 1939, Cooper Union	Md.	Fling, Richard Benjamin	D.C.
Fitzsimmons, George Aloysius	D.C.	Flinn, Samuel Roy	W.Va.
Fitzsimmons, Willard Allen	Va.	Flint, Delbert Harrison A.B. 1934, Salem College	Va.
Fitzwilliams, Jeannette Mary A.B. 1934, Vassar College	D.C.	Flint, Gay Nellie B.S. 1948, Mississippi State College for Women	Miss.
Flack, Chester A.B. 1949, The George Washington University	Va.	Flint, Helen M. A.B. 1931, Mount Holyoke College A.M. 1935, New York University	D.C.
Flaherty, John Bryan, Jr. B.S. 1944, Northeastern University	Mass.	Flint, Joseph Howard	N.Y.
Flaim, Joseph Herman	Pa.	Floss, Richard Konrad	Wis.
Flanagan, Francis James B.Ch.E. 1938, Catholic University of America	D.C.	Flomenhoft, Lorelei Jacobs	Va.
Flanagan, Paul	W.Va.	Flood, Patrick	N.Y.
Flanagan, Thomas Gilbert, Jr.	Md.	Flood, Thomas Hayes B.S. 1936, New York State Teachers College, Buffalo	D.C.
Flanders, Robert Lee A.B. 1947, LL.B. 1949, The George Washington University	Tex.	A.M. 1947, The George Washington University	
Flanigan, John William A.B. 1949, Gannon College	Pa.	Flora, Joseph James	N.J.
Flannery, James Edwin	D.C.	Flora, Hilda Coffin	D.C.
Flannery, Joseph Patrick	D.C.	B.S. 1926, Indiana University	
Flatford, Faye Evelyn Flax, Louis B.S. 1943, University of Maryland	Okla.	Flores, Anthony Heard B.S. in E.E. 1949, Agricultural and Mechanical College of Texas	Va.
Flechl, Kurt Otto	D.C.	Flotes, Erminia	Kans.
Fleck, Stephen Edward B.S. 1939, Thiel College	Md.	Flora, June Anne	N.J.
Flegal, Martin Good B.S. 1940, Pennsylvania State Teachers College, West Chester	Pa.	Flowers, Carl Vincent	Mich.
Fleishman, Irving A.B. 1949, The George Washington University	D.C.	Floyd, John Phillip	Mo.
Fleming, Douglas Riley	Ohio	Floyd, John Shuley Margaret	D.C.
Fleming, James Alvin, Jr.	Va.	Flurie, Eugene Gordon	Md.
Fleming, John Daly A.B. 1929, University of New Hamp- shire	D.C.	Flynn, Anna Helion B.E. 1940, Connecticut Teachers Col- lege	Md.
Fleming, Thomas Gable, Jr. B.S. 1938, United States Naval Academy	Ohio	Flynn, Joseph John A.B. 1949, The George Washington University	Ohio
	Ohio	Flynn, Paul Chadwick	Md.
		Flynn, Thomas Paterek, Jr.	Pa.
		Flyzak, Thomas Stephen	Pa.
		Foate, Richard William	D.C.
		Fochios, Steve Evangelos B.S. 1949, University of Maryland	Md.
		Foelak, Judy Marilyn	N.Y.
		Foerster, Mary Agnes	Pa.
		Fugelberg, Malin Karin Christina	D.C.
		Fopha, Robert Donald	N.Y.
		Foldenauer, Robert Carl	D.C.



Foley, Annette Haworth	D.C.	Forster, Rudolph	D.C.
B.S. 1948, Wilson Teachers College		Forsyth, George Robert, Jr.	Calif.
Foley, George Vincent	D.C.	Fort, Alfred Martin	Md.
A.B. 1950, The George Washington University		Fort, Anna Beulah	D.C.
Foley, Harry John Patrick	N.J.	B.S. 1944, Wilson Teachers College	Tenn.
B.S. 1938, United States Naval Academy		Fort, James Frazier	D.C.
Foley, James Edward	N.Y.	Fortor, Jean Paul	D.C.
Foley, Michael Edward	D.C.	Fortunato, Aldo	Conn.
Foley, Theodore John	D.C.	Fortunato, Zacheria	
Foley, Thomas Emmett	Md.	B.S. 1949, University of Connecticut	Va.
Folger, Mabel Doane	D.C.	Forward, Myron Hal	Ohio
Follin, John Walker	Va.	Forwe, Rose	D.C.
A.B. 1947, Yale University		Foskett, Joseph Kenneth	Va.
Follman, Arthur Usher	D.C.	Fosmark, Stephen Douglas	Ind.
Folsom, Dee Edwood	Ind.	A.B. 1935, Macalester College	
B.S. 1948, Wilson Teachers College	Va.	Foster, Dudley Woodbridge	D.C.
Foltz, Barry James	N.Y.	B.S. 1940, Purdue University	
Foltz, John Frederick	Va.	Foster, George Howard	
Foltz, William Daniel	Va.	B.S. 1942, United States Naval Academy	N.Y.
Foncannon, Gareld Elmer		Foster, Irwin M.	
B.S. 1941, Texas Technological College	Mo.	B.S. 1950, Indiana University	D.C.
Fontaine, Conrad Archilles		Foster, James Patrick	N.Y.
A.B. 1949, Syracuse University	Pa.	Foster, Julius Elihu	Va.
Fontaine, Robert Richard	Calif.	LL.B. 1923, Duquesne University	
For, Milton A.		Foster, Marion Julian	D.C.
A.B. 1947, University of Southern California		B.S. 1940, University of Virginia	
Foote, Vernon Stuart, Jr.	Va.	Foster, Mary Harwood	D.C.
Forbes, Lucius Elder	Nev.	A.B. 1942, Hillsdale College	D.C.
Ph.D. 1931, University of Washington		Foster, Neale Strong	Mich.
Forcum, James Evans	Me.	Foster, Paul Allen	
A.B. 1950, The George Washington University		Foster, Robert Middleton	Md.
Ford, Austin Joseph	Pa.	A.B. 1934, University of Michigan	D.C.
B.S. 1942, Pennsylvania State Teachers College, East Stroudsburg		Foster, Russell Edward	D.C.
M.E. 1948, Pennsylvania State College		Foster, Stanley Joseph, Jr.	Md.
Ford, Eugene Francis	D.C.	Foster, Sylvia Elizabeth	
Ford, John Joseph	D.C.	Fotos, Nicholas James	D.C.
A.B. 1940, Catholic University of America		B.S. 1950, University of Maryland	
Ford, Margaret Anne	D.C.	Fotouhi, Abol Fazl	
Ford, Mark Robert	Pa.	A.B. 1950, The George Washington University	Va.
A.B. 1950, Lehigh University		Fouche, James Edwin	Ohio
Ford, Robert Nelson	D.C.	Foulke, Charles William	Calif.
Ford, Roland Raish	D.C.	A.B. 1949, Ohio State University	
Ford, Virginia Gillias	N.J.	Fountain, Bonny L.	
Fordham, Frank James	D.C.	A.B. 1931, Colorado State College of Education	D.C.
Foreman, Jerry George	Pa.	A.M. 1945, Columbia University	Md.
B.S. 1948, Catawba College		Foust, Betty Jean	
Foreman, Mary Ann Jeannette	Va.	Foutty, Evelyn Ruth	Md.
Forester, Joseph Elwood	Ariz.	A.B. 1947, Glenville State College,	
Forline, Hamilton	Va.	W. Va.	
Forman, James Robert		Foutty, Harold Allan	N.Y.
B.S. 1950, Virginia Polytechnic Institute		A.B. 1948, Glenville State College,	
Forman, Leonard	N.Y.	W. Va.	
B.S. 1940, College of the City of New York		Fowl, William Joseph	D.C.
Forrest, Herbert Emerson	Va.	B.S. 1948, University of Virginia	D.C.
A.B. 1948, The George Washington University		Fowle, John Robert	
Forrest, Richard Penn	Conn.	Fowle, Morgan Rene	Va.
Forry, John Emerson	Va.	B.S. 1950, Wilson Teachers College	D.C.
B.S. 1949, Oklahoma Agricultural and Mechanical College		Fowler, Basil Dolph, Jr.	Md.
Forry, Thomas Michael, Jr.	Ill.	Fowler, Jessie Lorraine	D.C.
Forsberg, Frank Chandler	Pa.	Fowler, John Wesley	Md.
Forsht, Samuel Irvin, Jr.	Md.	Fowler, Thomas	
Forster, Eric Bert	N.Y.	Fox, Clarence Keely	Okla.
		B.S. 1928, Haverford College	N.Y.
		Fox, Edward Louis	
		Fox, Lawrence Aaron	
		A.B. 1944, Clark University	
		M.S. 1945, Syracuse University	
		LL.B. 1950, The George Washington University	

Students Registered

453

Fox, Paul Franklin, Jr.	Md.	Freas, George William, Jr.	D.C.
Fox, Saul Aaron	N.Y.	Frechman, Miriam Isenman	Mass.
Fox, Josephine Lucille Smith	D.C.	A.B. 1947, The George Washington University	
A.B. 1950, University of Buffalo		Frederick, Robert Martin	D.C.
A.M. 1943, The George Washington University		Frederick, Vivian Dee	D.C.
Fox, Thomas Leo	D.C.	Freeland, Laura	D.C.
Fox, William Lloyd	Ohio	Freeland, Robert Richard	Md.
A.B. 1943, A.M. 1945, Western Reserve University		Fried, Ellis	Md.
Fox, William Raymond	D.C.	Fried, Fred Philip	Mass.
Frahm, Herbert S.	D.C.	Fried, Morris	Pa.
Frakes, William Robert	Ill.	B.S. 1942, Pennsylvania State Teachers College	
Fram, Betty Iris	D.C.	Freedenberg, Marvin	D.C.
Francis, James E.	Ind.	A.B. 1950, West Virginia University	
Francis, Clifford Dale	W.Va.	Freedman, Loretta	D.C.
Francis, Enid Boothe	D.C.	Freedman, William	N.C.
B.S. 1928, Texas State College		B.S. in M.E. 1945, Duke University	
A.M. 1929, Ohio State University		Freeland, Samuel Lyces	Md.
Francis, Jack James	Okla.	Freeman, Abraham	D.C.
Francis, Janet King	D.C.	Freeman, Aaron Elliott	Va.
Francis, Milton John	Md.	Freeman, Franklin	D.C.
Francis, William McCafferty	Va.	Freeman, Harlan Edwin	Va.
Frank, Glenn Herbert	D.C.	Freeman, Horatio Bowman	Md.
Frank, Arnold Roy	Md.	B.S. 1947, Dickinson College	
A.B. 1926, A.M. 1928, Johns Hopkins University		Freeman, James Thomas	Va.
Frank, Kitty Blair	D.C.	Freeman, Marian Virginia	D.C.
A.B. 1943, University of Wisconsin		B.S. 1948, M.S. 1949, The George Washington University	
Frank, Maryada	D.C.	Freeman, Mary Gray	D.C.
A.B. 1949, American University		Freeman, Richard Alan	Ill.
Frank, Phyllis Maureen	D.C.	A.B. 1949, University of Chicago	
Frank, Rose Magdalene	Wis.	Freer, Barry	Ohio
Frank Stuart Hall	N.Y.	Freer, Paul	Md.
Frankel, Abraham	N.Y.	Freeland, Jacob William, Jr.	Va.
B.S. 1933, Brooklyn College		Freiburghouse, Elizabeth Anne	Md.
B.M.E. 1941, Cooper Union		Freidin, Harold Richard	D.C.
Frankel, Josef Hiras	D.C.	Freidloff, David Herzl	D.C.
Franklin, Beatrice Browne	Va.	Freisem, George Patrick	Va.
B.S. 1943, Mary Washington College		B.S. 1949, Georgetown University	
Franklin, Edwin Abbott	D.C.	French, Marjorie Grace	Va.
Franklin, Jerome Curtis	D.C.	A.B. 1926, Ohio State University	
Franklin, Jordan	Mass.	French, Orville Sydney	Va.
B.S. 1946, Worcester Polytechnic Institute		French, Russell William, Jr.	D.C.
Franklin, Rufus Matteson	R.I.	French, William E.	D.C.
B.S. 1947, Massachusetts Institute of Technology		French, Carolyn Frances	D.C.
Franko, George Michael, Jr.	Pa.	Frenk, Hugo	D.C.
A.B. 1950, Western Maryland College		Frenkel, George L.	N.Y.
Franks, Diane	D.C.	Frieset, Elizabeth Strachan	Va.
Franks, Georgia	D.C.	B.B.A. 1942, Tulane University	
Frantz, Caleb Hoffer	Pa.	Friesman, Phyllis Langhitt	D.C.
B.S. in Mus. 1941, Manchester College		A.B. 1950, The George Washington University	
Frantz, Robert Bruce	Va.	Freshman, Arthur Samuel	Va.
Franzini, Mary Virginia	D.C.	Freathere, Richard Lee	D.C.
Franzman, Carl Walter	D.C.	Freiburghouse, Maxwell Charles	Ill.
Fraser, Donald Briz	Md.	B.S. in F.E. 1948, University of Illinois	
Fraser, Donald Ross	Ohio	Freundel, Milton	Md.
Fratkin, Rayleona	D.C.	A.B. 1949, The George Washington University	
Fray, Helen Gladys	N.Y.	Frey, Helen Gladys	N.Y.
Frazier, Anna Kathryn	Va.	Frey, Solomon Dewitt	D.C.
A.B. 1937, Smith College		Friehauf, Leo	N.Y.
Frazier, Anna M.	Ark.	B.M.E. 1943, College of the City of New York	
A.B. 1950, University of New Mexico		Frick, Warren Allen	Ill.
Frazier, Griffin Guy	D.C.	Friday, Edith M.	Pa.
D.D.S. 1916, The George Washington University		Frieden, Katherine Elizabeth	Mass.
Frazier, Pascal Bailey	D.C.	Fried, Alvin Butlett	D.C.
A.B. 1948, University of California			
L.L.B. 1950, Harvard University			

Friedberg, Felix	D.C.	Fuchs, Margaret Briley	Md.
B.S. 1944, University of Denver		Fuchs, Sophia Elizabeth	D.C.
Ph.D. 1947, University of California		Fuchs, William Francis	D.C.
Friedberg, Seymour	N.J.	Fugate, John Hagan	Md.
A.B. 1948, New York University	Va.	Fugate, Wilbur Lindsay	Va.
Friedenberg, Annie Eva	D.C.	A.B. 1934, Davidson College	
Friedenberg, Ina Ruth	Va.	LL.B. 1937, University of Virginia	Hawaii
Friedlander, Blaine Peyser		Fujiwara, Beatrice Hideko	Md.
A.B. 1948, University of Virginia		Fulcher, Robert Clinton, Jr.	
Friedlander, Herbert David	Calif.	A.B. 1949, The George Washington University	
Ph.D. 1949, Tulane University	D.C.	Fuleady, Charles Andrew	Pa.
Friedlander, Katharine Ann		Fuller, Constance Jane	Md.
A.B. 1950, King's College	Va.	B.S. 1939, Purdue University	N.C.
Friedlander, Philip Peyser, Jr.	D.C.	Fuller, Frank Gardner	
Friedman, David Benjamin	N.Y.	B.S. 1939, Aurora College	
Friedmann, Charles Vincent	Md.	A.M. 1947, The George Washington University	Calif.
Friedman, Dorothy Life	D.C.	Fuller, George Tucker	
Friedman, George		A.B. 1950, The George Washington University	D.C.
B.S. 1928, LL.B. 1929, New York University	D.C.	Fuller, James Harlain	D.C.
Friedman, Joyce Barbara		Fuller, Kathryn Jean	
A.B. 1949, Wellesley College	D.C.	A.B. 1950, Indiana University	D.C.
Friedman, Leonard S.		Fuller, Robert Lannes	
B.S. 1947, College of the City of New York	N.Y.	A.B. 1939, Bates College	N.J.
Friedman, Norman		A.M. 1941, Boston University	
B.M.E. 1945, College of the City of New York	D.C.	Fuller, William Elliott	
Friedman, Ruben		B.S. 1944, United States Coast Guard Academy	Va.
B.Ch.E. 1949, College of the City of New York		Fullerton, Guy Williston	D.C.
A.M. 1950, Columbia University	N.Y.	Fulmer, Donna Marie	Minn.
Friedman, Sidney		Fulmer, Mary Rudberg	Md.
A.B. 1939, Brooklyn College	Va.	B.Ch.E. 1948, University of Minnesota	Md.
Friedman, Sidney		Fulmer, Ward Glenn, Jr.	
B.S. 1935, Long Island University		Fulton, Leroy E.	
A.M. 1937, Columbia University	D.C.	A.B. 1948, The George Washington University	S.C.
Fries, Stella June	D.C.	Funderburk, Charles Wade	Va.
Fritlman, Florian Edward	D.C.	Funderburk, Ruth Folger	
Frishman, Samuel E.	Va.	A.B. 1946, University of North Carolina	
Frutache, Margaret Beverley	Va.	Fung, Morton Irwin	Va.
Fritz, Bernard James	Va.	Funk, Robert William	Md.
Fritz, Edmund William, Jr.	N.Y.	Funkhouser, Claude	Va.
Fritz, Sigmund		B.S. in M.E. 1944, University of Missouri	
B.S. 1934, Brooklyn College	D.C.	Funkhouser, Curtis Lee	Va.
M.S. 1941, Massachusetts Institute of Technology	Mass.	Funston, Chester Clifford	Kans.
Fritz, Theresa Marie		Furiga, Peter Lorenzo	Mass.
Froberger, Frances Rhea	Mass.	B.S. 1943, Boston University	D.C.
A.B. 1949, Trinity College, D.C.		Furlow, Edward Pennington	
Frodyma, Michael Mitchell		B.S. 1949, M.S. 1950, Purdue University	Minn.
B.S. 1942, University of Massachusetts		Furlow, William Loomis	
A.M. 1947, Columbia University	D.C.	A.B. 1949, Carleton College	Texas
M.S. 1949, University of Hawaii		Furr, Ruby Lydia	Calif.
Frohwein, Peter	Iowa	Furat, Howard Irving	
Froumelt, Alton Alois	D.C.	A.B. 1942, University of California	
Frost, Jack Arthur	N.J.	LL.B. 1950, The George Washington University	Mass.
Frustick, Howard Eugene	N.J.	Furtado, Laura	D.C.
Fry, George Edward	D.C.	Futrovsky, Charles	
Frye, Margaret Fulton		B.S. 1947, M.S. 1948, The George Washington University	Md.
A.B. 1947, Berea College	D.C.	Futterman, Sidney	
Frye, Mildred Louise		B.S. 1950, The George Washington University	N.Y.
B.S. 1937, University of Pittsburgh	D.C.	Fuyat, Henry Noel, Jr.	
Fryer, Dorothea Constance		B.S. 1946, Rhode Island State College	
A.B. 1950, The George Washington University	Colo.		
Fuchigami, Walter Naoaki	N.Y.		
A.B. 1950, Colorado State College of Education	N.J.		
Fuchs, Fred			
Fuchs, Henry			



Students Registered

455

Gable, Richard Bennett	G		
Gable, Robert Barth			
Gabriel, James Louis			
Gade, Rex David			
Gadler, Francis Xavier			
Gaetner, Robert Montague			
Gaetano, Anthony			
Gager, Charles Cotter, Jr.			
Gagnon, Henry, Jr.			
Gahres, Edward Elias			
B.S. 1950, Rutgers University			
Gail, William Albert			
B.S. in M.E. 1948, University of Illinois			
Gailbreath, Mary N.			
Ganne, Betty Teresa			
A.B. 1950, Trinity College			
Ganey, Burtus Allen			
Gajewski, Peter			
Gale, Charles Ridgeway, Jr.			
Gale, Eleanor Paxton			
A.B. 1937, Western College			
Gale, Guy Harrison, Jr.			
Gale, Thomas Boyle			
B.S. 1947, United States Naval Academy			
Gall, Edward Howard			
A.B. 1950, Waynesburg College			
Gall, John Christian, Jr.			
B.S. 1950, Yale University			
Gall, Richard Hamilton			
Gallagher, Ann Marie			
Gallagher, Barbara Blaine			
Gallagher, Elsie Jane			
Gallagher, James Frederick			
Gallagher, Joan Marietta			
Gallagher, Joseph Matthew			
B.S. 1943, The George Washington University			
Gallagher, Leona P.			
Gallagher, William B.			
Gallagher, William George			
Gallant, Arthur			
Gallar, Mencha, Rafael			
Galleras, Eleuterio Valdemar			
Gallier, Kenneth Lee			
B.S. 1949, Tennessee Polytechnic Institute			
Gallivan, Clement Xavier			
Galloway, Donald Hugh			
Galloway, Elizabeth Hale			
Galloway, Michael Hale			
Galloway, Sophie Justine			
Gallvin, Frances Wright			
Gallvin, John James			
A.B. 1949, University of New Hampshire			
Gallvin, William Michael, Jr.			
Gambache, John Arthur			
Gambata, Raul Saenz			
Gambel, Sergio			
Gambhire, Girind Gajanan			
B.S. in I.S. 1950, Georgetown University			
Gambino, Edwin Francis			
Gambino, Lionel Kenneth			
Gambino, Melvin Ades Irving, Jr.			
Gambino, Milton			
Gambino, John Gray			
B.S. 1947, University of Wyoming			
Garg, Robert Edward			
B.E. 1948, University of Toledo			
Ganley, John Leo, Jr.			
Gannon, Albert William			
B.S. 1950, The George Washington University			
Gannon, Ruth Johnson			
A.B. 1944, College of Emporia			
Gatos, Ann			
Gatos, Joan Reine			
Gantz, Frank Edwin, Jr.			
Gantz, Gertrude Soule			
A.B. 1955, Yankton College			
Gantz, Katherine Gordon			
Garbee, Edwin Theodore			
Garcia, Antonio			
Garcia, Carmen			
Garcia, Carmen Theresa			
Garcia-Frias, Rogue			
Garcia, Manuel Gilberto			
A.B. 1949, The George Washington University			
Garcia, Max Rodriguez			
Gardner, Earle G., Jr.			
B.S. 1935, United States Naval Academy			
Gardner, Jane Elizabeth			
Gardner, Jeanne Mackintosh			
Gardner, Marshall Closson			
B.S. 1943, The George Washington University			
Gardner, Richard Delroy			
B.S. 1949, Utah State Agricultural College			
Gardner, Richard Harland			
Gardner, Robert Edward			
Gardner, Walter Thomas, Jr.			
Gardvas, Stanley Joseph			
Garcen, Charles Frederick			
B.M.E. 1939, The George Washington University			
Garfunkel, Joseph David			
Garfinkle, Melvin			
Gargana, Fredie Patrick			
B.S. 1947, The George Washington University			
Gargus, James Leon			
B.S. 1950, The George Washington University			
Garhart, Bernard Howard			
B.S. in Ed. 1948, Pennsylvania State Teachers College, Shippery Rock			
Garland, Samuel Abraham			
Garles, Delores Diane			
Garlock, Robert Austin			
A.B. 1942, Union College			
Garner, Betty Ward			
Ganner, Earle Whitley			
Ganner, Frederick Reed, Jr.			
Ganner, George William			
Ganner, Vance Holmes			
Garnes, Walton Thompson			
A.B. 1949, Baylor University			
A.M. 1949, Mississippi Southern College			
Garnett, Carroll Marion			
B.S. 1948, A.M. 1949, The George Washington University			
Garnett, Philip Weaver			
B.S. 1944, United States Naval Academy			
Garnett, Ralph Edward			
Garrett, Anthony Matthew, Jr.			

Garrett, C. Donald B.S. 1931, Franklin and Marshall College	Va.	Gauss, Arthur B.S. in E.E. 1933, Drexel Institute of Technology	Md.
Garrett, Donald Niles	Fla.	Gavio, Martin Jerome A.B. 1940, Norwich University	N.J.
Garrett, Elizabeth Anne	Iowa	Gazaway, Joseph Naaman	Ga.
Garrett, Lewis Fletcher A.B. 1949, Coe College		Gechter, Bernard Joseph A.B. 1939, University of Connecticut	D.C.
Garrett, Paul Weatherly A.B. 1949, The George Washington University	Va.	Gedney, Plater Tayloe	Fla.
Garrett, Richard Morgan	Colo.	Geer, Helen Fern	Ga.
Garrett, Sally Mowbray	D.C.	Geeslin, Ernest L.	D.C.
Garrett, William Donaldson	D.C.	Gehring, Dorothy Louise	Va.
Garrin, Jack John A.B. 1947, University of Michigan	Mich.	Gehring, Edward Charles	Md.
Garrison, Arthur, Jr.	D.C.	Geib, Lester Myron	Va.
Garrison, David Brawner	D.C.	Geier, Conrad Schroeder, Jr. A.B. 1949, The George Washington University	Wis.
Garrison, Ellison Cowart	Va.	Geiger, Herbert George	D.C.
Garrison, Harriet James A.B. 1926, University of Michigan	Mich.	Geigle, Ralph Calvin A.B. 1935, Susquehanna University	Ill.
Garrison, James Luther	Md.	A.M. 1940, Columbia University	Md.
Garrison, Lynn Willard	Md.	Geiser, Anton	Pa.
Garrison, Milton Eldridge	Md.	Gaiser, Jesse Browning	
Garrison, James L.	D.C.	Gelb, Joseph Donald B.S. 1950, University of Scranton	N.Y.
Garritsen, Florence Mildred A.B. 1947, University of Michigan		Gelberg, Elliot	Minn.
Garrity, Joseph Michael	D.C.	Gelbmann, Frederick John B.S. 1940, St. Louis University	N.Y.
Garro, Edward Joseph	Nev.	Gelby, Walter Henry A.B. 1941, New York University	Md.
Garten, James Wallace	Mass.	Geldon, Harold S. B.S. 1943, Oklahoma Agricultural and Mechanical College	D.C.
Gartlan, Charles Gregory A.B. 1948, Roanoke College	N.J.	Gelfand, Sydney Samjester	N.J.
Gartner, Robert Martin	D.C.	Geller, Irving A.B. 1949, The George Washington University	Md.
Gartrell, Archibald, Jr.	Md.		N.Y.
Garver, Clifford Elliott A.B. 1950, The George Washington University	S.D.	Gellman, Murry	Pa.
Garvey, Mary Agnes	D.C.	Gelman, Herman A. A.B. 1948, Brooklyn College	D.C.
Garwood, Emily Joan A.B. 1948, The George Washington University	Ark.	Gemmell, John Donald	D.C.
Garziglia, Bernard John	Va.	Gemmell, Ronald Harvey	Mass.
Gaskell, Richard Mullen	D.C.	Generelly, Richard Fleury	Md.
Gaskins, Franklin Jefferson	D.C.	Genthaer, Elinor Hale	Ill.
Gass, Charles	Tenn.	Gentile, Augustine	
Gass, Edmund Cody A.B. 1927, Carson-Newman College		Gentile, George Marvin B.S. 1946, Northwestern University	W.Va.
Gass, Henry Allen A.M. 1931, University of Tennessee	Pa.	Gentile, John Joseph	D.C.
Gass, Louis	D.C.	Gentner, Evelyn Gifford	D.C.
Gassaway, Alexander Ramsey	Pa.	Gentner, Walter Andrew	Va.
Gasser, Robert Louis A.B. 1950, University of Virginia	D.C.	George, Darcy Matthew B.E.E. 1920, Lehigh University	Va.
Gasser, Robert Louis A.B. 1938, University of Denver		George, Desmond Alvis B.S. 1941, Stephen F. Austin State Teachers College	Va.
Gassner, Florence Dorothea	Mo.	George, Joan Marjoris	Mass.
Gastrell, Charles Seay	Va.	George, Joseph Homer	Va.
Gates, Allan Williams	D.C.	George, Lynn Darcy	Va.
Gates, John W.	Calif.	George, Richard Bennett A.B. 1949, The George Washington University	Va.
Gatz, Marvin Walter	D.C.	Georrevitch, Theodore Alexander	D.C.
Gaudet, Richard Austin B.S. in M.E. 1947, University of Rochester	Mass.	Gerachis, Mary Despina	Va.
Gaughan, John Vincent A.B. 1952, Villanova College	Va.	Geran, Ruth Iris A.B. 1944, American University	Mo.
LL.B. 1949, LL.M. 1951, The George Washington University		Gerard, Richard B.S. 1949, Kansas State College of Agriculture and Applied Science	N.Y.
Gault, Joe Elton	Tex.	Gerb, Bernard B.E.E. 1950, Cornell University	
Gault, Mildred Cassandra A.B. 1946, Converse College	D.C.		
Gaumont, Edward Joseph	Ill.		
Gaumont, Robert Hubert	D.C.		
Gaus, William Carl A.B. 1949, Bucknell University	Va.		

Students Registered

457

Gerber, Albert B.S. 1949, College of the City of New York	N.Y.	Gibson, Rankin MacDougal LL.B. 1939, University of Missouri	Mo.
Gerber, Harriet May B.S. in Ed. 1947, New York College for Teachers	N.Y.	B.S.L. 1948, St. Paul College of Law	D.C.
Gerbie, Albert Bernard	Ohio	Giddings, Barbara Elizabeth	Va.
Gerblick, James William	Wis.	Giesecking, Charles Frederick A.B. 1949, The George Washington University	Md.
Gerhard, Edmund James A.B. 1950, The George Washington University	Va.	Giffen, Robert Carlisle, Jr. B.S. 1958, United States Naval Academy	Md.
Gerhardt, Robert Bernard B.S. in M.E. 1947, Northwestern University	Md.	Giglio, William Peter	Md.
Gerhold, William Franklin	D.C.	Gilbert, Ellis Ronald	Mo.
Gerlach, Marilyn	Wis.	Gilbert, Foster Ingram	Va.
German, John Robinson	Mass.	Gilbert, George Milton A.B. 1949, The George Washington University	Fla.
German, John William, Jr. B.S. 1940, Rose Polytechnic Institute	Ind.	Gilbert, James Bryson B.S. 1941, Haverford College	Pa.
German, Waldo Ross	Md.	M.D. 1946, Jefferson Medical College	
Gernas, Demosthenes James	Va.	Gilbert, Milton Edwin B.M.E. 1948, College of the City of New York	D.C.
Gernert, Virginia M. A.B. 1933, Juniata College	Va.	Gilbert, Stanley Ormand	D.C.
Gernhart, Jack Calhoun	Va.	Gilbert, Thomas Martin	Ala.
Gernova, Lola Patricia	D.C.	Gilbreath, Gereda Edith	Ala.
Gerow, Lee Saunders B.S. 1913, Virginia Military Institute	D.C.	Gilbride, Clement Francis B.S. 1942, University of Scranton	Pa.
Gershenson, Leo Eli B.B.A. 1942, College of the City of New York	D.C.	Gilchrist, Grace Margaret	Tex.
Gerson, Morris	Va.	Gilchrist, Sybil Arlene A.B. 1940, Phillip's University	Tex.
Gersten, Aaron Lewis B.S. 1948, University of Connecticut	Conn.	Gilford, Leon A.B. 1940, Brooklyn College	Va.
Gersten, Harold		A.M. 1949, The George Washington University	
Gertsch, Betty Lee	Conn.	Gilgash, Curtis Arnold	MI.
Gieserick, Harry Clarence	Md.	A.B. 1949, Washington Missionary College	
Gettings, Theresa Anne B.S. 1931, Massachusetts State Teach- ers College, Worcester	Va.	Giliotti, Peter Alfonso	D.C.
Gettys, Richard Forsyth	Mass.	Gilkeson, Wrenn Biller	Va.
Geyelin, Sherry Parker	Md.	Gill, Daryl Virginia	Va.
Geyer, Gerald John	D.C.	Gill, Hannah Saunders	Va.
Ghesling, William Marvin	Md.	Gill, Jamie Ruth	Md.
Ghizzoni, Audrey Constance A.B. 1948, Catholic University of America	Va.	Gill, Mary Jane	D.C.
Ghizzoni, John Felix B.S. 1943, University of Pennsylvania	Pa.	Gill, Richard, Jr.	Tex.
LL.B. 1949, Catholic University of America		Gill, Rowland Pearson A.B. 1930, Louisiana Polytechnic In- stitute	La.
Giamanco, Joseph James	D.C.	Gillard, William Henry A.B. 1950, The George Washington University	D.C.
Gianaccol, Margaret Catherine	D.C.	Gilleo, Anita Marie A.B. 1944, University of Michigan	Mich.
Giangreco, Angelo Andrew	Md.	Gillespie, Constantine John	D.C.
Giannini, Vera	D.C.	Gillespie, Elizabeth R.	Ev.
Giannone, Charles	D.C.	Gillespie, George John	D.C.
Giaquinto, Eugene Louis	N.J.	Gillespie, Patricia Ann A.B. 1948, Beaver College	W.Va.
Gibbons, Florence Katherine	Conn.	Gillespie, Richard James	D.C.
Gibbons, Helen Elizabeth	Conn.	Gillette, Kirby Marvin A.B. 1941, University of Michigan	D.C.
Gibbons, Mary Graf A.B. 1940, Allegheny College	D.C.	LL.B. 1937, Wayne University	
Gibbons, Richard Lemuel	N.Y.	Gillotte, Nadine Gray	D.C.
Gibbs, Constance Nash	D.C.	Gillotte, North Bolling	Mont.
Gibbs, Julian Glenwood, Jr.	Md.	Gilliam, Francis Peter B.M.E. 1937, Catholic University of America	MI.
Gibbs, Robert Stewart	D.C.	Gilliam, Homer, Jr.	Va.
Gibney, Edith Cecelia	D.C.	Gillmore, Francis Ellen	D.C.
Gibson, Adelo B.S. 1905, United States Military Academy	Pa.	Gills, James Wellington	W.Va.
Gibson, Olive May	D.C.	Gills, Lelia Rose	D.C.
Gibson, Paul	Va.	Gills, Louis Catlin	Va.
	D.C.	Gilmartin, Richard Michael	Md.



Gilmore, Charles Goddard B.S. 1939, Washington and Lee University M.B.A. 1940, University of Pennsylvania	N.J.	Gleech, Gunnel Ingegaard Gleech, Lewis E. A.B. 1935, Pomona College	D.C. D.C.
Gilmore, Edward Lee A.B. 1940, West Virginia University	Va.	Glenn, Dorothy May Glenn, Georgiana Sibley Glenn, John Hulst	D.C. D.C. Md.
Gilmore, Frank Peter B.S. 1927, M.D. 1929, Loyola University LL.B. 1940, LL.M. 1950, The George Washington University	Ill.	Glenn, Leo Clarence Glettler, Bernard Urbam Glew, William Baimbridge B.S. 1950, Yale University	Md. D.C. Ill.
Gilmore, William Earl Giltov, Lillian Rebecca Gilstrop, William James A.B. 1930, University of Kansas	D.C. Ala. Ill.	Glick, Jacob Ezra M.S. 1949, United States Naval Academy	Md. D.C. D.C.
Gim, Benny LL.B. 1940, Columbia University	D.C.	Glickfield, Irma Glickman, Marion Baker Glickman, Walter	Md. D.C. D.C.
Gimble, Abraham Isaac B.S. 1943, M.S. 1948, The George Washington University	D.C.	Glockler, Annabel A.B. 1948, Western Maryland College	Maine D.C.
Gimble, Gilbert Ginsdoff, Alan Solomon Ginsrich, Bert Neil	D.C. N.Y. D.C.	Gloden, Felix Anthony Glorioso, Anthony Robert Glover, Donald Jackson B.S. 1949, The George Washington University	Va. D.C. Pa.
Ginsberg, David Kellner Ginsberg, Julius Ginsburg, Harry Ginsburg, Lester Ginsburg, Manny Ginsburg, Naomi Ruth Ginter, Alice Ruth B.S. 1940, University of Virginia	N.Y. Md. N.Y. Md. D.C. D.C. D.C.	Glowacki, John Henry B.S. 1949, Bucknell University Glowacki, Theodore, Jr. B.S. in Ch.E. 1944, Bucknell University	Pa. Pa. R.I. D.C.
Gionet, Charles Edward Giordani, Bruno LL.B. 1943, University of Rome, Italy	D.C. D.C.	Gloyd, Mary Caroline Glushakow, Miriam Novikov Gnam, James Henry Gnatt, Philip M. Goble, Paul A. B.S. 1940, North Texas State Teachers College	Iowa Calif. Tex. Conn. Va. D.C.
Giordani, Andrew Joseph Girard, Aurelio Juan Giser, Harold Walter Givner, Hugh Victor, Jr. B.S. 1933, Georgetown University	Cuba Va. Md.	Godbey, Gloria Swanson A.B. 1949, The George Washington University	N.Y.
Gittman, Thomas Morton, Jr. Givner, Rose Givner, Nannie Givner, Orazio Doctorate in Political Science 1947, University of Padua, Italy	Md. D.C. Mass. Italy	Goddard, William B.S. 1940, College of the City of New York	D.C.
Givner, Martin Lionel Glabson, Teddy Glabson, Joan Florence Glabson, Stanley Glabson, Richard Ellsworth A.B. 1948, Bradley University	D.C. N.Y. D.C. Md. Ill.	Goddard, William Francis, Jr. A.B. 1949, Catholic University of America	Alaska
Glabson, Elsi Dik A.B. 1946, The George Washington University	D.C.	Godine, Maurice Wilfred A.B. 1933, Yankton College	Md.
Glabson, Lee Glabson, Pelham Davis, Jr. B.S. 1935, United States Military Academy	D.C. Ariz.	Goeke, Milton Thomas B.S. 1941, University of Maryland M.Ed. 1940, Johns Hopkins University	D.C. Md. Md.
Glabson, Louis Lee B.S. 1939, A.M. 1940, University of Maryland	D.C.	Goeke, Henry Waldo Gohm, George Milton, Jr. Gohm, Eugene Julius Gold, Leonard A.B. 1940, Temple University	D.C. D.C.
Glabson, Dianne Glabson, Harry Bernard A.B. 1950, The George Washington University	D.C. D.C.	Goldbaum, Annette Davis Goldbaum, Leo Robert B.S. 1940, Brooklyn College M.S. 1948, New York University	N.Y.
Glabson, Morris A.B. 1938, M.S. in Ed. 1940, College of the City of New York	N.Y.	Goldberg, Aaron A.B. 1940, Brooklyn College	Md.
Gleason, Frederick James, Jr.	D.C.	Goldberg, Alvin Irving B.S. 1941, Boston University	

Goldberg, Bernice Elizabeth Cohen	D.C.	Golovin, Nicholas E.	D.C.
Goldberg, Charles Herbert	D.C.	A.B. 1934, A.M. 1936, Columbia University	
Goldberg, David Elliott	Md.	Golson, Thelma Kincheloe	D.C.
Goldberg, Fred	N.J.	Goncalves, Roberto Octaviano	Brazil
Goldberg, Irving	N.J.	Gonzales-Sabia, Jorge Antonio	Puerto Rico
A.B. 1948, The George Washington University		B.S. 1950, Shepherd College	
Goldberg, Joseph J.	Md.	Gonzales, Andrea	Va.
B.C.E. 1937, M.C.E. 1937, College of the City of New York		Gonzalez, Henri Francis	Md.
Goldberg, Martin Herbert	D.C.	Gonzalez, Lawrence Niesen	Md.
Goldberg, Marvin Irwin	D.C.	B.S. in C.E. 1931, Massachusetts Institute of Technology	
Goldberg, Murray David	Md.	Good, Dean Kemple	Pa.
B.S. 1949, University of Maryland		Good, Elizabeth Sarah	Md.
Goldbranson, Donald Robert	D.C.	Good, Norman Leese	D.C.
Golden, John Richard	Md.	Goodfriend, Arnold Irwin	N.Y.
Golden, Julian Edwin	D.C.	Goodheart, William John	D.C.
Golden, Sue	N.Y.	B.S. 1942, Purdue University	
A.B. 1944, Hunter College		Goodhue, Cornelia Evans	D.C.
A.M. 1950, University of Wisconsin		Goodman, Catherine June	N.Y.
Goldenberg, Alyse Sylvia	D.C.	Goodman, Clifford James	D.C.
Goldenberg, Eva	D.C.	B.S. 1947, The George Washington University	
Goldenberg, Jacqueline Rose	D.C.	Goodman, Sanford Gerald	N.Y.
Goldenberg, Jerome Albert	Va.	A.B. 1950, The George Washington University	
Goldenberg, Melvin Myron	D.C.	Goodman, Thomas A.	D.C.
B.M.E. 1949, Catholic University of America		B.S. 1937, New York State Teachers College, Buffalo	
Goldensberg, Pearl	D.C.	A.M. 1919, Columbia University	
Goldenberg, Solomon Alcono	D.C.	Goodnight, Lyman Evans, Jr.	Md.
Golenthal, Edwin Ira	D.C.	Goodrich, Nina Mae	Va.
Golter, Jacob Victor	Va.	B.S. 1946, Madison College	
A.B. 1939, A.M. 1940, Boston University		Goodsaid, Alan	D.C.
Goldfarb, Louise Marilyn	D.C.	Goodsaid, Daniel	Md.
A.B. 1950, The George Washington University		Goodson, William Neal	Va.
Goldin, Sylvan Lippman	D.C.	Goodwin, Donald Coolidge	N.C.
Golink, Harold Frederick, Jr.	Va.	A.B. 1950, Duke University	
Goldman, Albert L.	D.C.	Goodwin, Joseph Daniel	D.C.
Goldman, Alfred Merton	Md.	Goodwin, Paul R.	Md.
Goldman, Beverly	Va.	B.S. 1941, University of Maine	
Goldman, Gerald Jack	Va.	Goodwin, Robert William	D.C.
Goldman, Harry	D.C.	Goodwin, Roy Davis	N.C.
Goldman, Richard Graybell	D.C.	A.B. 1949, Catawba College	
B.S. 1948, Massachusetts Institute of Technology		Goold, Louise Stewart	D.C.
Goldman, Samuel Zachary	D.C.	A.B. 1947, The George Washington University	
A.B. 1949, The George Washington University		Goozh, Walter Erwin	D.C.
Goldman, Sherman H.	Mass.	Goray, Stanley Joseph	N.Y.
B.S. 1948, Northwestern University		Gorbea, Petra Maria	D.C.
Goldman, Thomas Adler	D.C.	Gorby, Clara Marie	D.C.
A.B. 1949, Harvard University		Gordon, Albert	Va.
Goldman, William Allen	D.C.	B.M.E. 1949, College of the City of New York	
Goldman, Ronald Howard	N.Y.	Gordon, Alexander Rola	D.C.
Goldsmith, Anne Wilder	D.C.	Gordon, Andrew Fraser	D.C.
Goldsmith, Bersey	N.J.	Gordon, Barbara Levy	Md.
Goldstein, Arthur Allen	D.C.	Gordon, Coleman	Va.
Goldstein, David	Md.	B.S. 1949, Georgetown University	
Goldstein, David Carl	N.Y.	Gordon, Eva Elaine	Va.
B.S. 1949, New York University		Gordon, Forest	Md.
Goldstein, Edward	D.C.	Gordon, Francis Guthrie, Jr.	Va.
Goldstein, Hyman	Md.	Gordon, Francis Xavier, Jr.	Va.
A.B. 1940, A.M. 1931, Ph.D. 1934, Columbia University		B.S. in M.E. 1946, United States Merchant Marine Academy	
Goldstein, Jack Mark	Pa.	Gordon, Fulton Ray, Jr.	Md.
Goldstein, Judith	D.C.	Gordon, Herman Jacob	D.C.
Goldstein, Marlene	Md.	B.S. in E.E. 1948, Purdue University	
Goldstein, Robert Bernard	N.Y.	Gordon, Howard Leo	D.C.
Goldstein, William Zanvil	D.C.	B.S. 1948, Georgetown University	
Goldwire, Jennie Fowler	Ky.	M.S. 1949, The George Washington University	
Golin, Gerald	D.C.		

Gordon, James Kirke A.B. 1948, The George Washington University	Va.	Grabowski, Alice June Gracia, Francis W.	D.C. Va.
Gordon, Kenneth Whooten	D.C.	Grady, Charles Howard	Va.
Gordon, Lester Howard A.B. 1940, The George Washington University	Mass.	Grady, Edward Vincent	Md.
Gordon, Mary Alice A.B. 1948, The George Washington University	D.C.	Grady, Joseph William	Md.
A.M. 1949, University of Pennsylvania		Grady, Marcia Anne	D.C.
Gordon, Mary Jo	N.Y.	Grady, Thomas Burton	D.C.
Gordon, R. Nell	Tenn.	Graf, Alfred Geza	Pa.
Gordon, Shirley Ruth	D.C.	Graf, Wendell Eugene	Sweden
Gordon, Stanley Robert	D.C.	Grafstrom, Inga	D.C.
B.Ch.E. 1943, Cooper Union		Gragan, Philip Arthur	Pa.
Gordon, Thomas Cooper A.B. 1940, The George Washington University	Va.	Graham, Edward Regis	
Gordon, Wanda P A.B. 1943, The George Washington University	Mass.	B.S. in Ed. 1940, Pennsylvania State Teachers College, California	D.C.
Gordon, Wayne, Jr.	Pa.	Graham, Herbert McCarty	D.C.
Gordon, Zara	D.C.	Graham, John Vincent	
A.B. 1947, University of Maryland		A.B. 1949, Georgetown University	Va.
Gote, Mary Augusta	D.C.	Graham, Lucile Eleanor	
Gote, William Frederick	D.C.	B.S. 1930, Cornell University	D.C.
Gowata, Lillian	D.C.	M.B.A. 1949, Stanford University	N.Y.
Gosker, Frances K.	Wa.	Graham, Robert Bruce, Jr.	
Gorman, Ann H.	Ky.	Graham, Robert May	Pa.
Gorman, Lawrence Daniel	D.C.	B.S. 1930, American University	
Gorman, Robert E.	Conn.	Graham, Walter James	
Gorman, William Patrick A.B. 1938, St. Bonaventure University	N.Y.	B.E.E. 1945, Catholic University of America	D.C.
Gormley, Robert Joseph		Graham, William Griffith	
A.B. 1947, Michigan State College		B.S. 1946, United States Naval Academy	Va.
Gorrie, Jack Osborne	Va.	Graham, William Montrose	Va.
Gorin, Gerald Malvin	N.J.	A.B. 1949, University of Virginia	N.Y.
Gorschman, Marilyn	Md.	Graun, Richard Joseph	
Gorak, Regina Stella	N.J.	Gralnick, Paul Philip	Ill.
Gossell, Arthur Lewis	Md.	A.B. 1939, Brooklyn College	Ala.
Goss, Richard Earl, Jr.	D.C.	Gramann, Robert George	Conn.
Gotsch, Kenneth Samuel	Neb.	Granberry, William Alquin	D.C.
Gottesman, Alexander Morey A.B. 1940, The George Washington University	Va.	Gratnick, Marilyn Ann	D.C.
Gottlieb, Marvin Irving A.B. 1947, New York University	Va.	Granger, Louis Robert	Md.
M.S. 1940, The George Washington University		Granger, Robert Joseph	D.C.
Gottscho, Marie Helene	D.C.	Granger, Stephen Ireland	D.C.
A.B. 1940, The George Washington University		Grant, Emma Jane	N.Y.
Gouge, Susan Cornelia Jones B.S. 1948, The George Washington University	D.C.	Grant, Howard Leonard	
Gough, Viola Margaret	Va.	Grant, Leonard J.	Md.
Gould, George Marvin	Md.	B.S. 1940, The George Washington University	D.C.
Gould, Mae Love	D.C.	Grant, Mary Fair	
Gould, Stanley Benton B.S. 1949, Haverford College	Md.	Grantham, Rodney Elliott	Md.
Gould, Warren	D.C.	B.S. in E.E. 1942, Purdue University	
Goulden, Paul Vincent B.S. in Ed. 1936, Mount St. Mary's College	Md.	Granville, John Matthew	Pa.
Goulett, Barbara Joan	Va.	B.S. 1932, Cornell University	Pa.
Gourley, Hugh Wayne	D.C.	Grasser, Emil Ernst, Jr.	D.C.
Gowley, Frances Slocum B.S. in Mus. 1945, Mississippi State College for Women	Va.	Grassmyer, Georgia Anne	
Gownley, Hugh Joseph B.S. 1943, University of Scranton	D.C.	Grasso, Michael	Md.
		B.S. 1946, Bucknell University	D.C.
		Grathouse, Virginia Louise	
		Graves, Frances Monique	
		Graves, Gilman Luther	D.C.
		B.M.E. 1949, New York University	D.C.
		Graves, John Rufus	D.C.
		Graves, Joseph Basil	D.C.
		Graves, Louis Olin	Va.
		Graves, Walter Albert	
		A.B. 1941, A.M. 1945, Syracuse University	D.C.
		Gravette, Marian Maxine	
		A.B. 1940, University of Iowa	Va.
		Gravitt, Dwight Lee	
		A.B. 1948, The George Washington University	D.C.
		Gravitz, Melvin A.	
		A.B. 1950, The George Washington University	



Students Registered

461

Gray, Beatrice Martin			
Gray, Beatrice Mason	Miss.	Greene, Katherine Virginia	Va.
A.B. 1922, University of Michigan	D.C.	A.B. 1947, Eastern Nazarene College	
Gray, Bill Lawrence		A.M. 1948, The George Washington	
Gray, Charlotte Amelia	Kans.	University	
Gray, Edward Preston	D.C.	Greene, Mary Doris	D.C.
Gray, John Allan, Jr.	D.C.	Greene, Richard Daniel	Mass.
B.S. 1949, Pennsylvania State College	Md.	B.S. 1948, Boston College	
Gray, John Arthur		Greene, Robert Ellis	Ind.
Gray, Lawrence James	Md.	Greene, Walter Scott	D.C.
Gray, Robert Alan, Jr.	Va.	B.S. 1929, Syracuse University	
Gray, William Mason	Pa.	Greene, William Ray	N.C.
Greasbill, John Robert, Jr.	D.C.	Greener, Richard L.	Utah
Greaver, Vernon Elmer	D.C.	A.B. 1953, University of Tennessee	
Greaves, Keith Carpenter	Va.	Greenfield, Julius William	N.Y.
B.S. 1941, University of Idaho	Idaho	Greenfield, Ralph Benedict	Md.
Greco, Jacqueline Pauline		A.B. 1945, University of Chicago	
B.S. 1945, St. Joseph's College	Pa.	Greenhalge, Frederic Thomas	D.C.
Greco, Mary A.		A.B. 1945, Harvard University	
Greeley, John Michael	D.C.	Greenhouse, Samuel W.	N.Y.
Green, Lillie Lee	Kans.	B.S. 1928, College of the City of	
Green, Arleash William	Md.	New York	
Green, Betty Mac Millan	Md.	Greenman, Maurice Morton	D.C.
A.B. 1941, Meredith College	Va.	B.S. 1948, Wilson Teachers College	
Green, Edward Harrison		Greenslade, John Willis	D.C.
Green, Enid Caldwell	D.C.	Greenspan, Anita Louise	D.C.
Green, George Hamilton	D.C.	A.B. 1937, Wisconsin State College,	
B.S. 1949, Temple University	D.C.	Superior	
Green, Gerald		A.M. 1943, University of Minnesota	
Green, Gloria Esme	Pa.	Greenspan, Louis	Va.
Green, Harold Hoadly, Jr.	D.C.	A.B. 1941, New York State College	
B.S. in E.E. 1947, Purdue University	Ohio	for Teachers, Albany	
Green, Harry Brown		Greenville, George Walter	Md.
Green, Jack Allen	N.C.	Greenwall, Charles Smaison	Tex.
Green, Joseph John	D.C.	A.B. 1949, The George Washington	
B.S. 1950, Georgetown University	Md.	University	
Green, Mabel Hernan		Greenwell, Robert Gustave	Mo.
Green, Michael Irving	D.C.	Greenwell, Robert Holmes	D.C.
Green, Norman	N.Y.	Greenwood, Gayle Marianne	D.C.
Green, Phillip Lee	N.Y.	Greenwood, Russell G.	D.C.
Green, Privella Thayer	Va.	Greensard, Judah	D.C.
Green, Robert A.	D.C.	A.B. 1950, The George Washington	
A.B. 1942, Clark University	Md.	University	
B.S. in E.E. 1948, University of		Greer, Thomas Jefferson, Jr.	D.C.
Michigan		B.S. in E. 1950, The George Wash-	
Green, Robert Hansen		ington University	
Green, Robert Henry	D.C.	Gregas, George Alexander	Pa.
Green, Samuel	Md.	A.B. 1950, Pennsylvania State College	
A.B. 1948, L.I. B. 1950, The George	D.C.	Groge, Anna Jean	Pa.
Washington University		Gregory, Estella Hazel	D.C.
Green, Stanley Keith		A.B. 1929, College of Wooster	
Green, Willard Arthur	Va.	A.M. 1949, The George Washington	
Green, William Oliver, Jr.	D.C.	University	
A.B. 1949, The George Washington	D.C.	Gregory, Jack Neil	S.D.
University		A.B. 1948, The George Washington	
Greenberg, Alfred Henry		University	
Greenberg, Bernard	D.C.	Gregory, Kiko Ohannes	Md.
A.B. 1948, University of Massachusetts	Mass.	Gregory, Richard Hugh	Pa.
Greenberg, Bertram		Grew, Leslie M. Luchian	Ill.
Greenberg, David Leonard	D.C.	B.S. 1945, United States Coast Guard	
Greenberg, Miriam Jean	D.C.	Academy	
B.S. 1949, University of Maryland	Md.	Greiner, Edwin	N.Y.
Greenberg, Phyllis Sandra		B.S. 1949, College of the City of	
Greenberg, Sidney	D.C.	New York	
B.S. 1944, Massachusetts State Teach-	Mass.	Greisman, Norman	D.C.
ers College		Greisman, Sol M.	Ill.
Greene, Carrie Lee		Greusliet, Albert Harold	Va.
Greene, Edward Allen	D.C.	A.B. 1949, The George Washington	
Greene, Edward Herman	D.C.	University	
Greene, Harold Herman	L.A.	Giesock, Clement James	Ohio
	N.Y.	A.B. 1949, Johns Hopkins University	
		Giesler, Evangeline Wilson	Md.
		A.B. 1950, The George Washington	
		University	

Gresser, Seymour Gerald	Md.	Grob, Victor Edward	D.C.
B.S. 1949, University of Maryland		Grobman, William	N.J.
Greulich, Joseph John	Md.	B.S. in E.E. 1944, Rutgers University	Tex.
Greville, Thomas Nall Eden	D.C.	Groce, Claude Bethany	
A.B. 1930, University of the South		B.F.A. 1949, A.B. 1950, University	D.C.
A.M. 1932, Ph.D. 1933, University		of Texas	
of Michigan		Grodsky, James W.	
Grewal, Rajwant Kaur	India	B.S. 1943, Georgia Institute of	D.C.
A.B. 1942, Nagpur University, India		Technology	Md.
Grey, Leo	Va.	Groettum, Theodore Roger	
Grey, William Jackson	D.C.	Groff-Smith, Geoffrey	Va.
B.S. 1949, University of Maryland		A.B. 1950, Harvard University	
Gridley, Cecil John, Jr.	D.C.	Grogan, John Barry	D.C.
Griffee, Virginia Walters	Md.	A.B. 1948, The George Washington	
Griffin, James Edward	Va.	University	D.C.
Griffin, James Lewis	D.C.	Groom, Phyllis P.	D.C.
Griffin, Janice Matthews	Conn.	B.S. 1946, Miami University	
Griffin, Linton Larkin	Va.	Grose, Elizabeth Stern	
Griffin, Mary Kennedy	D.C.	B.S. 1936, University of South Caro-	
Griffin, Patricia Ruth	D.C.	lina	D.C.
B.S. 1948, University of Dayton		M.S. 1937, University of Virginia	Pa.
Griffin, William Joseph	D.C.	Gross, Herbert Samuel	
Griffing, Willard Earl	N.Y.	Gross, Robert Victor	D.C.
A.B. 1950, The George Washington		A.B. 1949, University of Tampa	D.C.
University		Gross, Sidney Ralph	Utah
Griffs, Edna Burks	Va.	Grove, Louis Leonard, Jr.	D.C.
Griffith, Bessie Mae	D.C.	Grover, Roy Lee	Va.
Griffith, Catherine Virginia	Md.	Groves, Betty Ann	D.C.
Griffith, Cleo	Md.	Groves, Gerald Richard	D.C.
B.S. 1938, Columbia University		Grubb, Edna Stutler	Okla.
Griffith, Eugene Everett	Tenn.	Grubbs, Violet Davis	Va.
A.B. 1928, The George Washington		Grubic, Eli	
University		A.B. LL.B. 1939, LL.M. 1948, The	Fla.
A.M. 1938, Columbia University		George Washington University	D.C.
Griffith, Howard Richard	N.J.	Gruendyke, Richard Nelson	D.C.
Griffith, James Robert, Jr.	S.C.	Gruff, James John	Pa.
B.S. 1948, Wofford College		Grumberg, Maurice	Calif.
Griffith, Joe Wesley	Miss.	Grumling, Albert John	Md.
Griffith, John Thomas, Jr.	Md.	Grundmann, William Joseph	
Griffith, Lera Evelyn	Va.	Grunfelper, Conrad, Jr.	
Griffith, Robert John	Va.	Grunley, Martin Robert	
A.B. 1938, LL.B. 1941, Syracuse		B.S. in C.E. 1938, College of the	Fla.
University		City of New York	D.C.
Griffith, William Frederick	Pa.	Grunsten, Russell Carl	
Griffiths, Mary Cecelia	Va.	Grunwald, Norbert L.	D.C.
A.B. 1940, The George Washington		B.S. 1949, Johns Hopkins University	D.C.
University		Gruver, Donald Robert	Pa.
Griffiths, Muriel Elaine	Okla.	Gruver, Richard Ralph	
Griggsby, James Robert	Va.	Gruver, William John	Md.
Gomes, John Francis	Va.	B.S. 1938, Pennsylvania State College	N.Y.
Gumm, Jack Rodda	Ohio	Guandolo, Vivian Young	
Gumm, Kenneth Francis	Md.	Guarracini, Joseph Anthony	
Grunmett, Talmage Pomeroy	Idaho	B.S. in M.E. 1948, University of	Philippines
Grimwood, Gordon B.	Va.	Oklahoma	
A.B. 1948, The George Washington		Gubatan, Agripina B.	
University		B.S. in Ed. 1949, National Teachers	
Grinnell, Elizabeth Kline	Va.	College, Philippines	
Grinnell, John Robert	Va.	B.S. in F.S. 1950, Adamson Uni-	Md.
B.S. 1950, The George Washington		versity	
University		Gude, Gilbert	Va.
Grisamore, Nelson Thomas	Md.	A.M. 1948, Cornell University	Mass.
B.S. 1948, M.S. 1950, University of		Guell, Loren James H.	Va.
Illinois		Guenther, Loretta Barbara	
Grissard, Elizabeth Ellison	Va.	Guerra, Serafin Lawrence	
A.B. 1949, American University		Guerrantick, William Samuel	D.C.
Groel, Charles Robert	N.J.	B.S. in M.E. 1948, The George	Va.
Graham, Ethel Marguerite	Colo.	Washington University	D.C.
Gratz, Alexander	D.C.	Guerrero, Manuel Antonio	
A.B. 1950, The George Washington		Guild, Samuel Murton	
University		Guilford, Martha Chapman	
Grivas, Spiro James	D.C.	A.B. 1948, Alabama State College	
Groah, William Jennings	Va.	for Women	

Guilfoyle, Joseph Daniel	Mo.	Habel, Elmer Albert	Fla.
A.B. 1948, University of Kansas City		A.B. 1927, Wofford College	
LL.B. 1942, Georgetown University		A.M. 1937, The George Washington	
Guill, Charles Lee	Va.	University	
Guillard, Matthew Francis	Pa.	Haberman, David Isadore	D.C.
B.S. 1940, Mount St. Mary's College		Hackney, Charles William, Jr.	Md.
Gula, Michael	Va.	Haskaylo, Edward	W.Va.
A.B. 1948, St. Anselm's College		A.B. 1949, A.M. 1950, The George	
Gulha, Eleanor Mary	Pa.	Washington University	
Gulbrandson, Helen Reid	D.C.	Haddad, Adele Sylvia	Pa.
B.S. 1948, The George Washington		A.B. 1949, The George Washington	
University		University	
Gulick, Richard Green	Va.	Haddon, Anna Elizabeth	D.C.
Gulko, Arnold George	Va.	Haddox, Dallas Deryl	Va.
B.Ch.E. 1947, New York University		Hadley, Frank	Mass.
Gulko, Marcia G.	Va.	A.B. 1946, New York University	
A.B. 1948, A.M. 1949, Hunter College		Hadley, Harry Irving	Wis.
Gulli, Marguerite Eileen	D.C.	A.B. 1946, Superior State College	
Gultz, Harold	Md.	A.M. 1941, University of Minnesota	
A.B. 1947, New York University		Hadley, Herschel Nixon	Wash.
Gumo, Lyndon Jay	Md.	A.B. 1949, Whitman College	
Gumprecht, Lois Ruth	D.C.	Haefl, Richard Alan	D.C.
Gutheim, Vivian Reisingord	Minn.	Haesemer, Richard Everett	Ill.
Gunn, Fredetick Allen	Va.	B.S. 1950, University of Illinois	
Gunter, Charles Anthony	N.J.	Haff, Theodore Germond	Md.
Gunter, Arthur C., Jr.	D.C.	B.S. 1949, United States Naval	
B.S. 1944, Georgetown University	Fla.	Academy	
Gunter, John Joseph	Md.	Hagan, Florence Jean	N.J.
A.B. 1947, University of Kansas		Hagan, John Joseph	Conn.
B.S. 1949, University of Pennsylvania	Pa.	B.S. 1943, Fordham University	
Guralnick, Lillian	D.C.	LL.B. 1949, Georgetown University	
Gus, Amanda Louise	Ala.	Hagan, William Joseph	Mich.
Guss, Mark Thomas	D.C.	Ph.B. 1942, University of Detroit	
B.S. 1949, Albright College		LL.B. 1948, The George Washington	
Guthery, Upton Keller	D.C.	University	
Guthrie, Eugene Harding	Md.	Hagedorn, Robert Lee	Md.
Guthrie, Lane Ann	D.C.	Hageman, Charlotte Suydam	Iowa
Guthrie, William Joseph, Jr.	Mass.	A.B. 1926, Vassar College	
Gust, Robert Leonard	N.Y.	A.M. 1928, Radcliffe College	
A.M. 1940, Columbia University		Hagen, William August, Jr.	Ohio
TD. 1941, New York University		A.B. 1945, Huron College	
Guy, John Philip	D.C.	Hagen, William Joseph	D.C.
Guyman, Roy	Ill.	Ph.B. 1947, University of Detroit	
Guyton, Jessie McCreary	Va.	LL.B. 1948, The George Washington	
Guyton, Norman Ray	D.C.	University	
Guyton, Theodore Roosevelt	Va.	Hager, Eileen Mae	Md.
Guyot, Mary Ann	D.C.	Hager, Ethel	Md.
Gwazdz, Jozef	D.C.	B.S. 1949, New York University	
		Hager, Greta Jane	Va.
		Hansenmaker, Thomas George	Va.
		Hawerty, John Alexius, Jr.	Va.
		Hawerty, Kathryn Stewart	Ohio
		Hawerty, Robert Lee	Va.
		Haile, Alfred Dennis	Okl.
		A.B. 1947, Central State College	
		Hahn, Betty Jane	Md.
		Hahn, Daniel Baynton, Jr.	Fla.
		Hahn, Patricia Joanne	D.C.
		A.B. 1950, University of Maryland	
		Haider, Homer Harrison	D.C.
		Haide, Harold	N.Y.
		B.S. in Ch.E. 1947, Purdue Uni-	
		versity	
		Haight, Dorothy Irene	D.C.
		Haide, Amelia Kolk	Va.
		B.S. 1949, Johns Hopkins University	
		Hailey, Lyman Griffith	Va.
		Haistman, Fina	D.C.
		Haiss, Ada Louise	Va.
		Haist, Maurine Etheredge	S.C.
		Haibach, Maynard Ketchin	N.C.
		B.S. 1949, The George Washington	
		University	

## H

Haack, Clifford William	
Haag, Joan Irene	Va.
Haapanen, Ethel Phyllis	Md.
Haas, Andrew Leo	Mass.
B.S. 1943, United States Naval	D.C.
Academy	
Haas, Dana Marie	D.C.
Haas, Everett Leo	D.C.
B.S. 1949, Columbia University	Md.
Haas, William Ivan	Pa.
Haase, Wilbert George	Neb.
Haas, Thomas Benjamin	Va.
B.S. 1947, Massachusetts Institute of	
Technology	



Hakim, Theodore William	N.Y.	Halley, Donna Ruth	D.C.
Halbert, Jessie Dawn	Miss.	Hallihan, Donald John	Pa.
Hale, Carl Wesley	Va.	Halloran, Dorothy Alice	Mass.
Haleblain, Garabed Newton	N.Y.	Hallquist, Norman Jerome	Pa.
Haley, Herbert Otis	Calif.	Halow, Iva	Pa.
Haley, Joseph Kelly, Jr.	Va.	Halow, Mary	N.J.
B.S. 1939, Virginia Military Institute		Halperin, Murray	D.C.
Haley, Louis Albin	Va.	Halpert, Nathan Andrej	Pa.
Haley, Peter John	Va.	Halpin, John Francis	S.D.
Haley, Violet L.	Va.	Halter, Joseph Leo	Va.
Halish, Walter George	Conn.	Halverson, LeRoy Thomas	D.C.
A.B. 1949, The George Washington University		Ham, Barbara	Calif.
Hall, Allan	N.J.	Hamann, Charles Waverly	
A.B. 1949, The George Washington University		Hamann, Henry Frederick	Tenn.
Hall, Anna Campbell	Pa.	Ph.B. 1945, University of Wisconsin	
Hall, Beth Hiley	Ga.	Hamblew, Dana Harmon	
A.B. 1948, University of Georgia		A.B. 1949, The George Washington University	W.Va.
A.M. 1950, Northwestern University		Hamed, Rockford Norris	Va.
Hall, Charles Llewellyn	Md.	Hamer, Margaret Pinnell	
Hall, Helen Bittinger	Va.	A.B. 1939, West Virginia University	N.Y.
A.B. 1935, Oberlin College		Ed.M. 1942, Duke University	La.
Hall, James Aldrich, Jr.	Va.	Hamerling, Ruth	
Hall, James Granville, Jr.	Pa.	Hamilton, Gayle Key	
A.B. 1950, The George Washington University		A.B. 1949, Southern Methodist University	N.Y.
Hall, James Ray	W.Va.	Hamilton, Howard Pinner	D.C.
B.S. 1948, West Virginia University		Hamilton, Lloyd William	
Hall, James Raymond	Md.	A.B. 1948, The George Washington University	Ohio
Hall, John William	Md.	Hamilton, Robert Eugene	
B.S. 1931, Gettysburg College		B.S. in E.E. 1948, Ohio University	Va.
Hall, Jonathan	Md.	Hamlin, Beatrice Mae	Fla.
A.B. 1944, Rollins College		Hamlin, Emil	Md.
A.M. 1938, Gallaudet College		Hamm, Charles Sherman	
Hall, Joseph Earl	W.Va.	A.B. 1946, A.M. 1947, The George Washington University	Ill.
A.B. 1940, Marshall College		Hammar, Helen Vera	
LL.B. 1940, The George Washington University		B.S. 1949, Illinois Institute of Technology	D.C.
Hall, Julianne	Md.	Hammarstrom, Everett John	
Hall, Katherine Farragut	D.C.	A.B. 1947, Clark University	Ill.
A.B. 1949, The George Washington University		Hammer, David Edwin	
Hall, Lewis Virgil	Md.	A.B. 1949, The George Washington University	D.C.
B.S. 1950, University of Oklahoma		Hammer, David Harry	Iad.
Hall, Lilburn Eugene	D.C.	B.S. 1915, University of Chicago	
Hall, Lou Ann	D.C.	Hammer, Gerald William	
Hall, Martha Anne	Calif.	A.B. 1950, Ball State Teachers College	Iad.
A.B. 1949, College of William and Mary		Hammer, Thomas Frederick	D.C.
Hall, Mary Anna	D.C.	Hammerman, Murray Frederic	D.C.
Hall, Mary Viola	D.C.	Hammett, Dorothy N.	D.C.
A.B. 1950, A.M. 1951, The George Washington University		Hammett, Thomas Francis	
Hall, Nathan Gray	N.C.	Hammill, Francis Raymond, Jr.	N.C.
Hall, Richard Michael	D.C.	A.B. 1948, University of Rochester	Va.
Hall, Robert Charles, Jr.	Md.	Hammis, Willie Lucille	Md.
Hall, Robert Joseph	Md.	Hammond, Bette Lea	Maine
M.D. 1948, University of Buffalo		Hammond, Charles Sterling	
Hall, Rudolph Hamilton	Md.	Hammond, Elizabeth Anne	D.C.
Hall, Waverly Dean	Va.	B.S. 1945, Boston University	D.C.
A.B. 1949, College of William and Mary		Hammond, Kenneth F.	Pa.
Hall, William Henderson	Va.	Hammond, Neel Bailey	Mo.
Hallberg, Ernest Van, Jr.	Fla.	Hamon, William	Va.
A.B. 1943, University of Florida		Hampton, James Taylor	
LL.B. 1950, The George Washington University		Hampton, John Lucien	Md.
Hallberg, Frederick Carl	Conn.	A.B. 1928, Baylor University	England
Halleran, Bernard	D.C.	Hampton, Robert Belmont	
Hallett, Nez Conrad, Jr.	Tex.	Hanbury, Diana	D.C.
A.B. 1939, University of Texas		A.B. 1948, University of London	Md.
		Hanbury, Jillian	
		Hanby, Carolyn Elizabeth	

Hancock, Horace Henry, Jr.	Va.	Hardesty, Miriam Anne	Iowa
Hancock, Katharine I.	Calif.	Hardin, Dale Wayne	Va.
A.B. 1942, University of California		A.B. 1949, The George Washington	
Hancock, Mary Alyne	Miss.	University	
Hancock, Nell	Tenn.	Harding, Jordan Lee	Va.
Hand, Elizabeth Plarr	D.C.	Hardis, Leonard	D.C.
Handley, James Richard	Md.	B.S. in M.E. 1938, Carnegie Institute	
Hanes, Betty R.	Ohio	of Technology	
Hanes, Eva Mae	Va.	Hardwicke, John Webster	Md.
Haney, Donald	N.C.	A.B. 1950, University of North Caro-	
Haney, Earle, Jr.	D.C.	lina	
Haney, Robert Zane	Pa.	Hardy, Richard	Tenn.
Haney, Thomas Sidney	Ohio	B.S. 1944, United States Naval	
Haney, Walter Paul	Md.	Academy	
Hanlan, Catherine Elizabeth	Mass.	Hare, Ruby Evelyn	N.C.
A.B. 1948, Mount Holyoke College		Hargrett, Estelle Kirby	D.C.
Hanken, Raymond George	Va.	A.B. 1917, College of Emporia	
B.S. 1938, The George Washington		Haringer, Albert Michael	Va.
University		B.S. 1938, The George Washington	
Harley, Charles Campbell	N.Y.	University	
Harmer, Frank Joseph	N.Y.	Harkins, Kenneth Richard	Ohio
B.S. 1948, New York University		A.B. 1943, LL.B. 1948, Ohio State	
A.M. 1949, Columbia University		University	
Hanna, Elvorne Anne	D.C.	Harlan, John Cooper	Va.
Hanna, George Edward	Va.	A.B. 1950, The George Washington	
Hanna, Jane Edwards	D.C.	University	
Hanna, William Eugene, Jr.	Va.	Harley, Claire	Pa.
A.B. 1947, Bradley University		A.B. 1940, The George Washington	
Hannaford, Jerome Bruce	Wash.	University	
Hannaford, Nancy King	Va.	Harley, James Ronald	D.C.
Hannine, Lyman Miller	D.C.	Haslie, John	D.C.
Hannooch, Raymond Thomas	Mass.	B.S. 1934, United States Naval	
A.B. 1945, Dartmouth College		Academy	
Hansbarger, Doreen O'Clair	Va.	Harlow, Bryce Nathaniel	Va.
Hansbarger, William Henry	Va.	A.B. 1946, A.M. 1943, University of	
A.B. 1947, University of Maryland		Oklahoma	
Hansel, Roger Finer	D.C.	Harmeli, Morton William	Va.
Hansen, Esther Egnis	D.C.	B.S. 1948, Wilson Teachers College	
B.S. 1946, Wilson Teachers College		Harmer, Don Stutler	D.C.
Hansen, Inge Stowman	Va.	Harmon, Frederick Gardner	D.C.
Hansen, M. Cecilia	D.C.	Harmon, Marcia Jean	D.C.
Hansen, Martin Edward	Calif.	Harmon, Thelma Louise	Maine
Hansen, Melvin Robert	Nebr.	Harms, Dorothy May	D.C.
Hansen, Orval Howard	Idaho	B.S. 1950, New York University	
A.B. 1950, University of Idaho		Harper, Elizabeth Josephine	Mo.
Hansen, Ramon De Vere	D.C.	Harper, Jayne Frances	D.C.
A.B. 1949, University of Nebraska		Harper, Jesse	Va.
Hansen, Richard Edward	Del.	Harper, Nancy Lucille	Va.
Hansen, Walter Daniel	D.C.	Harper, Robert C.	Md.
A.B. 1950, The George Washington		Harper, William Rique	Ky.
University		Harpter, Lyndale Roberta	Md.
Hanser, Alier Lydia	N.J.	B.S. 1948, The George Washington	
A.B. 1950, Valparaiso University		University	
Hanson, Barbara Elizabeth	D.C.	Harr, James Wiley	Va.
Hanson, Malcolm Parker, Jr.	Md.	B.S. 1950, Virginia Polytechnic In-	
B.S. 1950, Georgetown University		stitute	
Hanson, William Bert	Minn.	Harrab, Phyllis Anne	D.C.
B.Ch.E. 1944, M.S. 1949, University		Haskell, William Alexander	N.C.
of Minnesota		B.S. 1941, Syracuse University	
Hanson, William Palmer	D.C.	Harrison, Francis John	Wis.
Hanyok, Andrew	Pa.	B.S. 1949, Marquette University	
Hanyok, Francis	Pa.	Harrison, John Francis	Va.
Hanyok, Joseph	Md.	B.S. in E.E. 1941, Tufts College	
Hanyok, Stephen	Pa.	Harrison, John Thomas	N.J.
Happ, Jean Marjorie	Md.	Harrison, Robert Evans	D.C.
Haran, Hilda Gay	Ala.	Harrell, Robert Boyce	Va.
Harbaugh, George Harold	D.C.	Harrington, David Michael	N.J.
A.B. 1948, Rutgers University		A.B. 1950, The George Washington	
Harbert, William Eugene	Md.	University	
Harbison, Earle Harrison, Jr.	Mo.	Harrington, Margaret Willard	Va.
A.B. 1948, Washington University		Harris, Anne	Tex.
Harbold, William Kump	N.J.	A.B. 1949, Agricultural and Mechan-	
		ical College of Texas	

Harris, Anne Overton	D.C.	Harrison, Gordon Francis	Va.
B.S. 1946, Mary Washington College		Ph.B. 1955, Providence College	
Harris, Benjamin Thompson	Va.	LL.B. 1941, Georgetown University	Va.
Harris, Bernard	N.Y.	Harrison, Haldon Roberts	
A.B. 1946, College of the City of New York		A.B. 1947, LL.B. 1949, The George Washington University	D.C.
Harris, Bertha Florence	D.C.	Harrison, John Donald	D.C.
Harris, Catherine	D.C.	Harrison, John Houston	
Harris, Charles Arthur	N.J.	A.B. 1946, University of Virginia	Va.
M.E. 1941, Stevens Institute of Technology		Harrison, Junius Henry	Md.
LL.B. 1948, Columbia University		Harrison, Louise de Graffenried	D.C.
Harris, Doris Lee	Va.	Harrison, Mignonette Eulalie	Utah
A.B. 1937, Concord College		Harrison, Richard Donald	
Harris, Dorothy Hope	D.C.	A.B. 1946, Stanford University	
A.B. 1946, Goucher College		LL.B. 1950, University of Michigan	D.C.
Harris, Florine Elizabeth	Va.	Harrison, Robert Scott	Md.
Harris, Forest Klair, Jr.	D.C.	Harrison, Thelma Winifred	Md.
B.S. 1948, The George Washington University		Harris, George Latham	
Harris, Jane Shattuck	Md.	B.S. 1917, United States Naval Academy	Va.
Harris, John Roger	N.J.	Harryman, Patricia Jo	W.Va.
Harris, John Warton, Jr.	Wis.	Harshbarger, Sam Ross	Calif.
A.B. 1950, University of Wisconsin		A.B. 1949, West Virginia University	D.C.
Harris, Leonard Dorroen	D.C.	Harshman, Glenn Warren	Va.
A.B. 1940, University of Missouri		Hart, Bobby Jack	
Harris, Martha Jane	D.C.	Hart, Charles Arvel	Ill.
B.S. 1942, University of Pittsburgh		B.S. 1942, Wake Forest College	Tenn.
Harris, Mary Louise	D.C.	Hart, Harold Mathews, Jr.	D.C.
Harris, Melvin Ray	D.C.	Hart, Henry Clay, Jr.	
Harris, Paul Austin	Okla.	Hart, Nelson Perry	
A.B. 1949, The George Washington University		A.B. 1950, The George Washington University	Iowa
Harris, Raymond Walker	Va.	Hart, Stephen Ambrose	
Harris, Richard Carl	Iowa	B.S. 1941, St. Ambrose College	
B.S. 1947, Iowa State Teachers College		LL.B. 1948, Georgetown University	Md.
Harris, Robert Dermot	Va.	Hartford, Thomas James, Jr.	D.C.
Harris, Robert Early	D.C.	Hartley, Hugh Harris	D.C.
A.B. 1947, Agricultural and Mechanical College of Texas		Hartley, Janet Wilson	Va.
A.M. 1949, The George Washington University		B.S. 1949, University of Maryland	
Harris, Robert H.	N.Y.	Hartley, Jean Doris	D.C.
A.B. 1949, The George Washington University		A.B. 1950, The George Washington University	Va.
Harris, Samuel Henry, Jr.	Md.	Hartley, Robert George, Jr.	Calif.
A.B. 1940, The George Washington University		Hartman, Bruce Reiff	Pa.
Harris, Seymour Herbert	Md.	Hartman, Charles Clifford, Jr.	
A.B. 1940, Brooklyn College		Hartman, Kenneth Pendleton	
Harris, Thomas Gordon	Va.	B.S. 1923, United States Naval Academy	N.Y.
B.S. 1940, Lynchburg College		M.S. 1931, Columbia University	
Harris, Verdin Hoyle	D.C.	Hartman, Murray	
Harris, Virgil Erwin	Calif.	A.B. 1930, M.S. 1941, College of the City of New York	Va.
Harris, Wesley Grieves, Jr.	Va.	Hartman, Orvis Barton	
Harris, William Claytis, Jr.	Va.	B.S. in A.E. 1947, B.S. in B.A. 1948, Massachusetts Institute of Technology	Md.
Harris, William Llewellyn	D.C.	Hartmann, Gail Milton	D.C.
Harrison, Alexander	D.C.	A.B. 1948, University of Chattanooga	
Harrison, Allan Marion	Md.	Hartsock, Richard MacGregor	
B.S. 1937, Oregon State Teachers College	Va.	B.S. in F.S. 1947, LL.B. 1949, Georgetown University	Md.
Harrison, Allen Hugh	Va.	Hartzell, Raymond Howard	D.C.
Harrison, Anne Sara	Va.	Harvey, Joseph Spencer	D.C.
Harrison, Barbara Bonell	Va.	Harvey, Lulie Virginia	
B.S. 1941, Madison College		Harvey, Margaret McNeil	Va.
Harrison, Byron Edward	D.C.	A.B. 1948, Lynchburg College	Va.
Harrison, Elizabeth Toupas	Md.	Harvey, Robert Nelson	
A.B. 1950, The George Washington University		Harvey, Willis Bryant	Md.
Harrison, Eugene Carter	Va.	A.B. 1949, Mississippi College	Md.
		Harvey, Helen Jean	
		Harvey, William Robert	



Students Registered

467

Hasalová, Milica Jelizaveta	D.C.	Hawtin, Walter Borgmann	N.Y.
Hasbrouck, Thomas Paul	N.Y.	Haxton, Phyllis Rainard	D.C.
B.S. in F.S. 1950, Georgetown University		Hay, Ruth E.	Mo.
Hashman, Lloyd Russell	Ind.	Hay, Richard Ross	R.I.
B.S. 1949, Indiana University		B.S. 1931, United States Naval Academy	
Haske, John Reed	D.C.	Hay, Sydney William	Mass.
Haskins, Enrique D'Hamel	N.Y.	Hayase, Masashi	Calif.
B.S. 1933, United States Naval Academy		Haycraft, Glenn Goodwin	Md.
Haskins, Margaret Varda	Wis.	A.B. 1940, The George Washington University	
Hasle, Hartwick Kiel	Va.	Hayden, James Howard	Md.
Hastines, Vaughan Stevens	Del.	A.B. 1950, The George Washington University	
B.S. 1945, United States Naval Academy		Hayden, Leon Charles	D.C.
Hastings, William Harris	Conn.	Hayden, Mary Anne	D.C.
Hatch, Albert Haig	Pa.	Haydock, Robert, Jr.	N.Y.
A.B. 1927, University of Pennsylvania		A.B. 1939, LL.B. 1947, Harvard University	
LL.B. 1933, Temple University		Hayek, Paul Austin	Mont.
Hathaway, John Franklin	D.C.	Hayek, Will J.	Iowa
Hathcote, Martha Lunell	Va.	Hayes, Cornelius John	Conn.
Hattamer, Nena Joan	Wis.	A.B. 1950, Yale University	
Hattie, Russell Elmer	Ill.	Hayes, Edward Matthew, Jr.	Maine
B.S. in E.E. 1947, University of Illinois		A.B. 1950, The George Washington University	
LL.B. 1950, The George Washington University		Hayes, Joe	Va.
Hattin, Shirley Lois	D.C.	Hayes, Maurice Edward	Mass.
A.B. 1949, University of Illinois		Hayes, Patricia Anne	Ill.
Hattori, Takashi	D.C.	A.B. 1942, College of St. Teresa	
Hatzen, Maylou Renand	Md.	Hayes, Robert William	N.Y.
Hauck, Philip Frederick	N.Y.	A.B. 1939, Columbia University	
B.S. 1945, United States Naval Academy		Hayes, Walter Harold, Jr.	Vt.
M.S. 1950, Ohio State University		A.B. 1948, University of Vermont	N.C.
Hauck, William McRae	Ind.	Haynes, Alton Myles	
Hauenner, John Edward	D.C.	A.B. 1949, University of North Carolina	
Haugan, Gertrude Marian	D.C.	Haynes, Curtis Franklin	Tenn.
Haugh, William Leo	Pa.	Haynes, Elfrieda Grace	Iowa
B.S. 1948, Pennsylvania State Teachers College, Shippensburg		Haynes, Frances Gore	D.C.
Hausman, Helen M.	D.C.	Haynes, June Lillian	Va.
Hausman, Howard Jay	N.Y.	Haynes, Mary Claudine	Va.
A.B. 1939, College of the City of New York		Haynie, Robert Woehler, Jr.	D.C.
A.M. 1942, New York University		Hays, Frederick Spragg, Jr.	Md.
Haut, Milton Joseph	D.C.	A.B. 1950, University of Maryland	
B.S. 1935, Ed.M. 1940, Rutgers University	Md.	Hays, Gladys Agce	Tenn.
Haylock, Joan Ellen		B.S. 1937, University of Tennessee	
A.B. 1949, Vassar College	D.C.	Haws, Jesse Roland	D.C.
Havenner, John Edward		Hays, Marion Steele	Ark.
Havens, William Dodge, Jr.	D.C.	A.B. 1948, University of Arkansas	
Havery, John Wallace	D.C.	Hays, Richard Leland, Sr.	Kans.
Hawbaker, Dorothy Jean	D.C.	Hays, Woodson Grey	D.C.
Hawes, Elizabeth	Md.	Hayward, William Gammon, Jr.	D.C.
A.B. 1949, University of North Carolina	Iowa	Hazell, Joseph William	Md.
Hawkins, Harvey Glenn	N.Y.	B.S. 1949, Harvard University	
Hawkins, Herman Edmond	W.Va.	Hazelton, Etta Jo	D.C.
Hawkins, Herschel Bernese	Ga.	Head, Robert Vincent	D.C.
Hawkins, John Russell	Md.	Heade, Charlotte Elizabeth	Mch.
Hawkins, Josias Henry, Jr.	D.C.	Healey, Patrick Francis	Md.
Hawkins, Laura Sidney	D.C.	Healy, Alice Perry	D.C.
Haworth, Martha Eleanor	Tex.	Healy, Barbara Ann	D.C.
A.B. 1942, Mills College	N.Y.	Healy, Paul Thomas	W.Va.
Hawthorne, Betty June	D.C.	Heaney, Marian Theresa	Va.
Hawthorne, Charles Byrd	Fla.	A.B. 1948, Hunter College	
University	Va.	Heard, Townsend	D.C.
		Hearn, Alexander McMurray	Mo.
		Hearn, Richard Lee	Md.
		Heart, Margaret Josephine	D.C.
		Heasley, Herbert Kay	Tex.
		A.B. 1950, The George Washington University	
		Heath, Annabelle Lee	Kans.
		Heath, Daniel William, Jr.	Va.

Heath, Howard Lawton	N.J.	Heinbuch, Barbara Lee	Va.
Heath, Wesley Tyler, Jr.	Md.	Heine, Edward George	Md.
Heartherly, James Clark	D.C.	A.B., A.M. 1950, The George Wash- ington University	D.C.
A.B. 1950, University of Tennessee	Va.	Heintz, Robert Alfred	W Va.
Henson, Elizabeth Rounceville	Va.	Hemzelman, Barbara Stark	Mo
Heavey, Thomas Jackson	Va.	Heinzel, Joseph Russell	D.C.
B.S. 1917, United States Military Academy	Ill.	Heinzerling, Marjorie Lillian	Va
Hebele, Harold William	Ill.	Heishman, Jennie Rose, Jr.	D.C.
A.B. 1949, Roosevelt College	D.C.	Heisler, Barbara June	Tenn
Heberling, Emory Donald	Va.	Heisler, George Thomas, Jr.	D.C.
Hecht, Doris Henrietta	Md.	Held, John Carl	Maine
Hecht, Irving Mark	D.C.	Helfrich, Harry Daniel, Jr.	
B.B.A. 1947, College of the City of New York	Md.	B.S. 1939, United States Naval Academy	
Hecht, Norman Francis	D.C.	M.S. 1947, United States Navy Post Graduate School	Md
Hock, Albert Paul Herman	Md.	Helgeson, Alvin Orville	Md.
Hock, Alfred Donald	D.C.	Heller, John Michael	D.C.
Hock, Frederick B.	Va.	Heller, Milton Irving	
Hock, James Edward	D.C.	A.B. 1949, Western Reserve Uni- versity	Md.
Hock, John Henry	Pa.	Heller, Norman Harold	
A.B. 1941, Pennsylvania State College	Md.	A.B. 1950, The George Washington University	Pa.
Heckert, Jackson Shaffer	D.C.	Hellerman, Rebecca Cornell	N.Y.
B.S. 1942, Pennsylvania State College	D.C.	A.B. 1937, Hood College	
Heckert, John Dalton	D.C.	Hellerman, Leo	D.C.
Heckman, Alexander Irving	Pa.	B.E.E. 1946, College of the City of New York	Md.
Heckman, Estrella Petersen	Va.	Hellman, Anne Francis	Va
Heckman, Francis Austin	D.C.	Hellman, Joseph Leo	
B.S. 1919, Lebanon Valley College	Md.	Hellmuth, James Grant	Va.
Heckman, James Albert	Md.	B.S. 1948, Yale University	Ill.
Hedens, Harold Talmadge	D.C.	Hellmuth, Mary Catherine	
Hedyes, Richard Henry	Md.	Hellstrom, Ralph Edwin	Md.
B.S. 1951, The George Washington University	Ill.	LL.B. 1945, Augustana College and Theological Seminary	N.Y.
Hedbrook, Joan Patricia	Md.	Helmer, Cyrus Robert	D.C.
Hedden, Herbert E.	D.C.	Heimniewicz, Richard Gerard	Va
Hedley, Robert Kenneth	D.C.	Helms, Jack Edwin	D.C.
Hedrick, Albert Louis	Ohio	Helton, Henry Stephen	D.C.
Hedrick, Aleen Frances	W.Va.	A.B. 1937, Wabash College	
Hedrick, Robert Kenny	Minn.	Helton, Lorraine Marie	Mass
Hedrick, Kenneth Arthur	D.C.	A.B. 1938, Marshall College	
A.B. 1942, University of Minnesota	Md.	Helzer, Manuel Louis	Md.
Hedrick, Lorraine Esther	D.C.	A.B. 1950, The George Washington University	W.Va.
Hedren, John Edward	D.C.	Hemelt, Gerard August	
Hederman, Patricia Grattan	Mass.	Hemmings, John Buster	Conn
Hedersan, Virginia Maureen	D.C.	B.S. 1949, University of Virginia	Pa.
Hone, Hildis Hazel	Md.	Henault, Robert Joseph	Va.
Hoenemann, Rahe Henry	Va.	Hendershot, Lawrence Raymond	Va.
Hepiat, Erastus Jerome	D.C.	Henderson, David S.	Va
A.B. 1939, Catawba College	D.C.	Henderson, Earl Edwin	
Hepkin, Howard James	D.C.	Henderson, George Winslow, Jr.	D.C.
A.B. 1948, A.M. 1949, University of Southern California	Mich.	A.B. 1950, Princeton University	N.Y.
Heidenblut, Vivian Alvina	D.C.	Henderson, Lyn	D.C.
B.S. 1940, St. Joseph's College	N.Y.	Henderson, Ronald George	N.C.
Heider, George Charles, Jr.	Va.	Henderson, Russell Stewart	
B.S. 1950, University of Maryland	D.C.	Henderson, William Herman, Jr.	
Heider, Theodore	Va.	A.B. 1939, The Citadel	
Heider, Melvin Harold	D.C.	A.M. 1951, The George Washington University	Va
B.S. 1949, College of William and Mary	Pa.	Hendrick, Earl George, Jr.	D.C.
Heidorn, George	D.C.	Hendrickson, Emma Hope	D.C.
B.S. 1948, Brooklyn College	D.C.	A.B. 1950, The George Washington University	Md
M.S. 1949, University of Oklahoma	D.C.	Hendrix, Martha Sue	
Heidman, Charles Peter, Jr.	D.C.	Hendrix, Paul Max	
Heidman, Mary Patricia	D.C.	Hendry, Barbara Potter	
Hein, Bernard Seymour	D.C.		
Hein, John H.	D.C.		
Ph. B. 1941, Kenyon College	D.C.		
Hein, Rosemary Ruth			
A.B. 1946, Carleton College			



Students Registered

469

Hendry, Morgan Leland B.S. 1950, Virginia Polytechnic Institute	D.C.	Herman, Robert Eugene A.B. 1945, Western Reserve University	Ohio
Henebry, Alfred Garrett A.B. 1949, The George Washington University	D.C.	Hermann, Russell Royden A.B. 1947, State College of Washington	Alaska
Henegar, Harold H. B.S. 1936, A.M. 1940, University of Missouri	D.C.	Hernis, Charles Richard B.S. 1936, United States Naval Academy	Ohio
Henesy, Betty Jane Henesy, Gregory Thomas A.B. 1949, The George Washington University	D.C. D.C.	Hernandez, Carlos Juan Hendon, Elizabeth Lucille Hendon, Jane B.	Puerto Rico Md. Va.
Henesy, Thomas Joseph Heneveld, Lloyd Allen B.S. in E.E. 1950, University of Michigan	D.C. Mich.	Hernick, Michael Edward A.B. 1942, Western Maryland College Ed.M. 1947, Duke University	Md.
Henn, Carl LeRoy, Jr. B.S. 1945, Northwestern University M.B.A. 1947, Harvard University	Ohio	Hero, Alfred Olivier B.S. 1945, United States Military Academy	D.C.
Henner, John Phillip A.B. 1939, University of Buffalo	N.Y.	Hess, Harold Martin Herrick, Doris Cooper B.S. in Ed. 1948, Washington University	Pa. Va.
Hennessey, Charles Edward Hennessey, John William Hennigan, Helen Mary Henretta, David Howard A.B. 1950, The George Washington University	Va. Conn. Pa. W.Va.	Herron, Donald Dewar A.B. 1949, The George Washington University	Mass.
Henry, Edwin Stanton, Jr. Henry, James Faulkner Henry, Norman Holden Henry, Raymond Charles A.B. 1949, State University of Iowa	D.C. Va. D.C. Va.	Herrmann, Vilma Maria Heston, Frank, Jr. Herron, Mary Ellen Herron, Wayne Woodville	D.C. Md. Pa. D.C.
Henry, Thomas Robert, Jr. Hess, Ruth Joyce A.B. 1949, University of Maryland	D.C. Md.	Hertz, Jerome Samuel Hetzog, Harold Richard Hesaltine, Charles Edwin	Mass. Wash. Va.
Henshaw, Barbara Hanby A.B. 1948, The George Washington University	Md.	Hess, Charlotte Rebecca B.S. 1945, Temple University A.B. 1950, The George Washington University	D.C.
Henshaw, Edmund Lee, Jr. Henshaw, Ida Jean Henshaw, Robert Harvey Hensley, Bernard Robert A.B. 1950, Morningside College	Va. D.C. Va. Va.	Hess, Frank Gadd Hess, Frederick William A.B. 1949, West Virginia University LL.B. 1948, La Salle University	Pa. Va.
Hensley, Marjorie Ruth A.B. 1947, The George Washington University	D.C.	Hess, George Frank Hess, Ida Irene A.B. 1941, Indiana University	D.C. Ky.
Henson, Chelsea Lucere Henson, Edwin Nott, Jr. A.B. 1948, The George Washington University	Va. D.C.	Hess, Wilbur Kenneth A.B. 1947, The George Washington University	Va.
Henson, Edwin Ray, Jr. B.S. 1949, Colorado Agricultural and Mechanical College	Va.	Hessler, Bernard Phillip Hester, B. Charlotte Hessich, Paul Walter	Md. Va. D.C.
Henson, James Wade Henson, Lustrina Theresa B.S. 1950, Wilson Teachers College	Ala. D.C.	Hewitt, Franklin Ivanhoe Hewitt, Dolores Teresa A.B. 1949, College of William and Mary	Ga. Va.
Heron, Agnes George Heslik, Helen Hesler, Edward Leslie A.B. 1948, The George Washington University	D.C. Pa. D.C.	Hewitt, Norma Jean Hewitt, Clifford Adalbert Hewitt, Norman Theodore	Va. Va. D.C.
Hesler, Naomi Holmes Hesler, F. M. Frances Hesler, Margaret Alice Hesler, Joan Mary A.B. 1950, Johns Hopkins University	Va. D.C. D.C. D.C. Md.	Hewman, Michael Hewson, Francis Dewey A.B. 1948, University of North Carolina	N.Y. N.C.
Herman, Imogene Indily Herman, Jack R. A.B. 1943, The George Washington University	D.C. Va.	Hexwood, Robert Monroe B.S. 1949, University of Wisconsin	Wis.
		Hick, Howard Herschel Hicks, Elizabeth Humphill A.B. 1945, Sweet Briar College	D.C. Md.
		Hicks, Herbert Ellis A.B. 1945, Harvard University	Mass.
		Hicks, James Thomas Hicks, Lindsey Hicks, Virginia Brockman	Pa. Va. Va.



Hiebert, Tal Gordon	Va.	Hillery, Edward Alton	D.C.
A.B. 1950, University of Kansas		Hilliker, Grant Gilbert	Va.
Hiemenz, James Glenn	Va.	A.B. 1942, University of Wisconsin	Va.
Hiestand, Dale Melvin	Va.	Hillman, Franklin Powell	
A.B. 1949, Mount Union College		A.B. 1936, Emory and Henry College	
Higbee, Charles Eldon	N.M.	A.M. 1949, The George Washington	Va.
Higbee, Helen V.	Kans.	University	
B.S. 1930, Kansas State College of		Hillman, Helen Scott	
Agriculture and Applied Sciences		B.S. 1928, University of North Dakota	D.C.
Hirdon, Mary Ellen	D.C.	Hillock, Donald MacLean	
Higgenbotham, Arlington Spence	N.J.	B.S. 1949, American University	Md.
Higgins, Eugene Arthur	Ind.	Hilmer, Paul Edward	
Higgins, Frank Victor	Va.	A.B. 1945, Loyola College	
B.S. 1941, Bradley Polytechnic		M.S. 1947, Ph.D., 1949, Georgetown	
Institute		University	D.C.
M.S. 1944, Texas College of Arts and		Hilton, John Perry	D.C.
Industries		Himelfarb, Jordan Sheldon	D.C.
Higgins, John Reid	Va.	Himelfarb, Stanford William	R.I.
Higgins, Louis Edward	Ill.	Hinschcliffe, Agnes Annie	Pa.
Higgins, Ruth Eleanor	Pa.	Hindman, Joseph Aloysius Eslen	
Higgins, Sadie G.	D.C.	B.S. 1940, United States Naval	
B.S. 1932, A.M. 1942, University of		Academy	Ill.
Minnesota		Hine, Charles Malcolm	Va.
Higginson, Charles Oakley	Va.	Hine, Frank Brown	D.C.
Huganson, Ella Joan	Va.	Hines, Charles Widmire	D.C.
Hugh, Joe Benton	Fla.	Hines, Dorothy Jean	
Hoham, Florence Elizabeth	Pa.	A.B. 1950, The George Washington	Tenn.
Hight, Jack	Tex.	University	
B.S. 1948, College of William and		Hines, William Albert	
Mary		A.B. 1950, The George Washington	Md.
Hightower, John Newton, Jr.	Fla.	University	Ill.
Hildebrand, Robert John	D.C.	Hinners, Barbara Louise	
Hildenbrand, Frieda Barbara Caroline	Md.	Hinners, Robert Arthur	
A.B. 1932, Goucher College		B.S. 1927, United States Naval	
Hildreth, David Melvin	D.C.	Academy	
Hildreth, Richard	D.C.	M.S. 1942, Massachusetts Institute of	D.C.
Hill, Abner F.	Vt.	Technology	D.C.
Hill, Arlow Fielding	Colo.	Hinrichs, John Honneycutt, Jr.	Md.
Hill, Betty Jean	Va.	Hintze, Arthur Harris	
Hill, Betty Rushing	Tenn.	Hintze, William	
Hill, Dave Harmon	D.C.	B.F.E. 1949, The George Washington	Md.
Hill, Dorothy Jean	D.C.	University	
Hill, Dumond Peck	Va.	Hirsch, Gladys Elkin	Minn.
B.S. 1946, Davidson College		A.B. 1940, Hunter College	
LL.B. 1948, LL.M. 1950, University		Hirsch, Hans George	
of Virginia		B.S. 1941, M.S. 1942, Ph.D. 1950,	D.C.
Hill, Edrie Ward	Tenn.	University of Minnesota	N.Y.
Hill, Edward Weathers	D.C.	Hirsch, Robert Bruce	D.C.
Hill, Elizabeth Frances	D.C.	Hirschfield, Kenneth	Va.
Hill, Elizabeth Lois	Va.	Hirsh, Victor Raymond	N.Y.
A.B. 1947, Wayne University		Hirshman, Joan Helen	
Hill, John Henry	D.C.	Hirsten, John Edward, Jr.	
A.B. 1944, A.M. 1947, Columbia		A.B. 1950, New Mexico College of	Ill.
University		Agriculture and Mechanic Arts	
Hill, Joseph Andrew	Va.	Hise, James Cletis	Ill.
A.B. 1910, Lynchburg College		A.B. 1948, University of Illinois	
LL.B. 1949, Louisiana State Uni-		Hise, William Curtis	D.C.
versity		A.B. 1948, A.M. 1949, University of	
Hill, Joseph Carl	Va.	Illinois	
B.S. 1940, Mount St. Mary's College		Hise, Alfred Lee	D.C.
Hill, Joyce Irene	D.C.	LL.B. 1950, The George Washington	
Hill, Richard Work	Va.	University	
Hill, Robert LeRoy	Va.	Hitchcock, Barbara Singley	N.C.
Hill, Thelma Pauline	Ind.	A.B. 1943, Barnard College	Va.
Hill, Thomas Burbridge, Jr.	Md.	Hites, Zebulon Weaver	
Hill, Walter Boyd	Pa.	Hix, Ernest Theodore	
A.B. 1940, Temple University		B.M.E. 1949, The George Washington	Md.
Hillebrand, Herbert Walter	D.C.	University	
A.B. 1941, Fairhurst College		Hubb, Julius George	N.J.
Hiller, Manuel Bertrand	N.Y.	A.B. 1920, Gettysburg College	D.C.
A.B. 1942, College of the City of		Ed.M. 1949, Johns Hopkins University	
New York		Hlusko, William, Jr.	
LL.B. 1935, Columbia University		Ho, Pei-Shih	

Hoagland, Alexander Campbell, Jr. A.B. 1950, Harvard University	N.J.	Hoke, Neil Herman A.B. 1949, The George Washington University	D.C.
Hobbs, Edward Victor	Md.	Hollen, Donald Russell	Va.
Hobbs, Herman Hedberg	Va.	Holbrook, Henry Seefeld	Md.
Hobbs, Madge Flois	Md.	Holbrook, Iola Cook	Va.
Hobbs, Richard Huntington	D.C.	A.B. 1931, University of Wisconsin	
Hobbs, Thomas Wayne A.B. 1950, Whitier College	D.C.	Holbrook, Ollie James LL.B. 1950, The George Washington University	Ky.
Hobbs, George Lafayette Ph.B. 1949, University of Chicago	Md.	Holcomb, Frederick Morse, Jr.	D.C.
Hobbs, Vincent Nelson	D.C.	Holcombe, William Collis A.B. 1947, The George Washington University	Ala.
Hock, George Corley	D.C.	Holden, Jack Pritchard	D.C.
Hockman, Gertrude	Va.	Hollen, Karlene Mae	D.C.
Hochwald, Jack	D.C.	Holder, Richard Joseph	Pa.
Hodge, Doris Gertrude	D.C.	Holderness, Robert B.	Va.
Hodge, Dorothy Ann	Neb.	Holdowsky, Simon A.B. 1931, Brooklyn College	N.Y.
Hodge, William Rust	Neb.	Hole, Mary Elizabeth	Oreg.
Hodges, Ashley R.	D.C.	Holladay, Cornelius Allen	D.C.
Hodges, Quinton Edward B.S. 1915, University of Georgia	Maine	Holland, Alva Randolph	Va.
Hodges, Shirley Rice M.S. 1917, John B. Stetson University	D.C.	Holland, Brendan Pearse	Tex.
Hodson, Kenneth Joe A.B. 1935, LL.B. 1937, University of Kansas	D.C.	Holland, Denzel Hotaling	Tex.
Hoeppner, Edmund Charles, Jr. B.S. 1949, Mount St. Mary's College	D.C.	Holland, Ethel	N.Y.
Hoffeins, Louanne	Wyo.	Holland, Harrison Melcher A.B. 1944, University of Washington	Wash.
Hoffman, Agnes T.	Va.	A.M. 1949, Columbia University	
Hoffman, Arthur Daniel A.B. 1919, Lake Forest College	Md.	Holland, Haywood Lee	N.C.
Hoffman, Conrad Richard A.B. 1950, The George Washington University	Ind.	Holland, Martha Jo	D.C.
Hoffman, Eleanor Louise A.B. 1949, Miami University	N.Y.	Holland, Morton B.S. in E.E. 1947, Cornell University	N.Y.
Hoffman, Francis Willard, Jr.	Va.	Holland, Richard Joseph	N.Y.
Hoffman, Leon David	Va.	Hollar, Ethel Elizabeth B.S. 1931, Madison College	D.C.
Hoffman, Marion L. A.B. 1949, Pennsylvania State Teachers College, Bloomsburg	Pa.	Hollar, Hugh Andese	Va.
Hoffman, Robert Douglas	D.C.	Holleman, Martin Everett	D.C.
Hoffman, Roy Carlton	Tex.	Hollenberg, Richard Alvin	Va.
Hoffman, Thomas Daniel A.B. 1950, University of Akron	D.C.	Holler, Donald Wyatt	Md.
Hoffman, William, Jr. A.B. 1950, University of Washington	Wash.	Holliman, William Jelks, Jr.	Va.
Hoffman, William Alexander III	Va.	Hollingsworth, Farrell B.S. 1949, Utah State Agricultural College	Idaho
Hoffman, Carl Konrad	D.C.	Hollingsworth, James Boetler	Md.
Hoffman, Joan	D.C.	Hollingsworth, Willetta Elizabeth A.B. 1949, San Francisco State College	Md.
Holzheimer, Leonore A.	D.C.	Hollingsworth, William Leon	Miss.
Holzer, Gaylord Jerome	Md.	A.B. 1950, The George Washington University	
Hogar, Douglas LeRoy B.S. 1950, The George Washington University	S.D.	Hollis, Charles Jonathan B.S. 1949, University of Alabama	Ala.
Hogan, Geraldine M. A.B. 1945, College Misericordia	Md.	Hollis, Elda Lorraine B.S. 1950, The George Washington University	Pa.
Hogan, John Edward	D.C.	Hollis, Frank	D.C.
Hogan, Marjorie Bell A.B. 1947, Shorter College	Va.	Hollis, Helen Louise	D.C.
Hogan, Thomas Charles	Md.	Hollis, James George B.S. 1948, American University	Md.
Hogans, Walter Thomas, Jr.	Va.	Hollis, Thelma Elizabeth	Pa.
Hogan, William Joseph	Ill.	Hollomon, Raymond Ernest	Oreg.
Hogervoll, Wilbur Swanson A.B. 1944, San Jose State College	Va.	Holloway, Emily C. B.S. 1943, Maryland State Teachers College, Salisbury	Md.
Hogarth, Kenneth George A.M. 1936, B.D. 1937, University of Chicago	Va.	A.M. 1945, University of Maryland	
Hokanson, Oscar Melvin	D.C.	Holloway, John Francis	Md.
	Va.	Holloway, John Howard	D.C.
		Holman, John Desmond	Va.

Holmes, Justus Mitchell	Md.	Hoover, Mary Chalk	Va.
B.S. in C.E. 1930, C.E. 1940, University of Pennsylvania		A.B. 1946, University of New Mexico	D.C.
M.S. 1932, Lehigh University		Hoover, Wallace Archer	D.C.
Holmes, Elizabeth Jean	Va.	Hope, Robert Allison	Va.
Holmes, Florence Mildred	Ala.	Hope, Robert Stocks	
Holmes, Gerald Peter	Wash.	A.B. 1950, The George Washington University	Pa.
A.B. 1947, University of Washington		Hopkins, Carl Dewey, Jr.	Pa.
Holmes, Kathryn Early	D.C.	Hopkins, John William	D.C.
Holmes, Paul Roger	N.Y.	Hopkins, Stephen Cornwell, Jr.	Calif.
B.M.E. 1950, Rensselaer Polytechnic Institute		Hopkins, Theodore Reed	
Holmes, Thomas James	Md.	A.B. 1947, Stanford University	Va.
B.S. 1924, University of Maryland		Hoppe, Louis William	
M.S. 1930, The George Washington University		B.S. 1940, University of Illinois	Pa.
Holmes, Wilbur Thomas	Conn.	LL.B. 1950, American University	
A.B. 1948, Wesleyan University		Hopper, Henry Pearson	
A.M. 1949, Columbia University		B.S. 1941, M.S. 1934, University of Pennsylvania	Va.
Holmgren, Carol Mae	D.C.	Hopper, Nathaniel Wilson	D.C.
Holmstrom, Juan Priscilla	Mass.	Hopper, Thomas Bradford, Jr.	
Holubar, Marilyn Fay	D.C.	A.B. 1950, The George Washington University	Va.
Hosford, Richard Charles	Conn.	Hopping, Andrew Bininger	Va.
Holst, Jens Ficker	Minn.	Hoppmann, Kurt Heinz	Okl.
Holt, Edward Brewster	Ill.	Hopps, Louise Marie	Ill.
B.S. 1947, University of Michigan		Hopson, Jeanne Louise	Ill.
Holt, Eldborg Astrid	Md.	Horton, Nancy	D.C.
Holt, Elmer Dean	D.C.	Hopwood, Anne Flora	D.C.
Holt, Felix Thomas	Okl.	Hord, Keith Stuart	Va.
A.B. 1949, American University		Horen, Morton Elliott	
Holt, George Prolet	Hawaii	A.B. 1950, West Virginia University	D.C.
A.B. 1947, University of Hawaii		Horenstein, Joseph Chaim	Md.
Holt, James Howard	Va.	Horiuchi, Harold Shigeo	Va.
Holt, Richard Melvin	Wash.	Horn, Carroll Milton	Va.
Holtzman, Frank Joseph	Pa.	Horn, Henry Duzrow	D.C.
A.B. 1949, Muhlenberg College		Horn, Herbert Ogden	Va.
Holtzman, Irving	N.Y.	Horn, Margaret Faulkner	
A.B. 1947, Brooklyn College		A.B. 1950, Bridgewater College	Va.
Holtzman, Joseph	D.C.	Horn, Robert Harman	
A.B. 1946, The George Washington University		A.B. 1950, Bridgewater College	D.C.
Holtzman, Marilyn	D.C.	Horn, Rufus Austin, Jr.	Iowa
Holup, John Frank	Pa.	Hornberger, Ralph LeMoind	Md.
Homer, Mary Elizabeth	Ohio	Horne, Brookman	
B.S. 1950, Kent State University		A.B. 1946, L.L.B. 1949, University of Texas	D.C.
Honahach, Elmer Wilson	Va.	Horne, Joe Louis	
Henderson, Kleanthy Alexandra	D.C.	B.S. 1941, United States Coast Guard Academy	Mass.
Honeychuck, Joseph Marion	Md.	Horne, Leon Russell	
B.S. 1948, Pennsylvania State Teachers College, California		B.S. 1943, Northeastern University	D.C.
Ed.M. 1943, University of Pittsburgh		Horne, Maude Mosier	
Honig, Doris M.	N.Y.	A.B. 1950, Duke University	
A.B. 1944, Hunter College		A.M. 1954, University of North Carolina	N.H.
Honig, Ernie A.	Md.	Horne, Philip Scott	Md.
Hood, Clinton Randolph	N.C.	Horning, Marjorie Anne	S.D.
Hood, Robert Hunter	N.C.	Horning, Ross Charles	Ala.
B.S. 1942, Davidson College		A.B. 1948, Augustana College	Md.
Hook, Arnold David	Ark.	Hornsbw, William Paul	Md.
Hopper, Albert Gordon, Jr.	D.C.	Horowitz, Diane	
Hopper, Mary Lillian	D.C.	Horowitz, Emanuel	
Hopper, Warren Woodford	D.C.	B.S. 1948, College of the City of New York	D.C.
B.S. 1949, Western Carolina Teachers College		Horowitz, Herbert David	
Hopper, Wilma Louise	Pa.	LL.B. 1948, LL.M. 1949, The George Washington University	D.C.
Hopkins, David Spinner	D.C.	Horsburgh, Sarah Jane	Va.
Hopmanger, Ann Mulner	Ill.		Md.
A.B. 1926, Indiana University			
Hopps, Theda Lee	Va.		
Hoover, Charles R.	Va.		
Hoover, H. Denis	Va.		
B.S. 1944, Madison College			
Hoover, John Robert	Calif.		



Horsky, Eugene Gregory	N.Y.	Howard, William McNew	D.C.
B.S. 1948, B.C.E. 1949, Rensselaer Polytechnic Institute		Howard, William Reed	D.C.
Horsley, Carol Jean	Oreg.	Howder, Murray Louis	D.C.
Hosbman, John Francis	N.Y.	Howe, Denis Herbert George	Md.
Horton, Donald Raymond	N.D.	Howell, Frances Dodd	N.C.
B.S. 1948, South Dakota State Teachers College, Valley City		Howell, Joan M.	Oreg.
Horton, Marvin Vale	N.C.	B.S. 1947, Oregon State College	Tex.
B.S. 1948, University of North Carolina		Howell, Margaret Affazene	
Horton, Richard Edward	Md.	A.B. 1947, Baylor University	
Howitz, Harold	N.Y.	A.M. 1949, University of Rochester	W.Va.
Howitz, Leonard Jay	Mass.	Howell, Mary B.	
A.B. 1949, University of Massachusetts		A.B. 1943, Shepherd College	D.C.
A.M. 1950, University of Pennsylvania		Howell, Mary Ellen	La.
Hos, Louise Katherine	Va.	Hower, Nelson Luther	
Hoskins, Robert H.	D.C.	A.B. 1945, Louisiana Polytechnic Institute	
Hossettler, William Penn College		Howorth, Shirley Clare	D.C.
Hossettler, Estel Christian, Jr.	Va.	Howorth, Mervyn Kenneth	Mass.
Hosmerall, Eugenia Lockhart	D.C.	Howie, James Salsdon	Va.
Howitz, John Karl	Ill.	Howland, Harold Howard, Jr.	Mass.
A.B. 1948, A.M. 1949, University of Illinois		A.B. 1947, The George Washington University	
Houchens, Velma Viola	Va.	M.B.A. 1949, Harvard University	Mass.
Howe, Gilbert Joseph	R.I.	Howser, Beverly Jean	Md.
Howe, Floyd Woodworth, Jr.	Va.	Howze, Elizabeth M. Nichol	
Howe, Henry Logan	N.C.	B.S. 1947, Pennsylvania State Teachers College, West Chester	
Howelvaline, James C.	Va.	Howze, John Everett	Mass.
Houghton, Richard Ayer	N.H.	Howze, Lucile Eleanor	D.C.
B.S. 1947, Harvard University		B.S. 1950, The George Washington University	
M.B.A. 1948, University of Michigan		Howze, Robert Woehler, Jr.	Md.
How, Jo Anne	Va.	Howze, Harold Max	Md.
How, Vernon Neal	Calif.	Howze, Homer Lewis	Md.
Howe, Clyde Fred	Md.	Howze, Jeanne Edith	D.C.
B.S. 1950, University of Maryland		Howze, John Paul	Md.
Howland, John Edward	Mass.	B.S. 1948, Middlebury College	
B.S. 1950, College of the Holy Cross		A.M. 1948, Columbia University	N.Y.
Howman, Mary Ellen	D.C.	A.B. 1951, The George Washington University	
A.B. 1946, Smith College		Howze, Della	D.C.
Howse, Edward Hedley	Va.	Howze, Carrie Fong	China
Howse, Mary Elizabeth	Tenn.	Hudson, James Matthew	W.Va.
Howse, Margaret Irene	Va.	A.B. 1948, The George Washington University	
Howse, Wayne Dewitt	Va.	Hudson, John Frederick	Md.
Howser, Edward Stuart, Jr.	D.C.	Howe, Robert Catter	T.C.
B.S. 1948, Armstrong Wesleyan		Hoff, Marion Mitchell	D.C.
Howson, Robert Joseph	Md.	Hoff, Marjorie	D.C.
Howson, Sam	D.C.	Hoff, Patricia Frances	Va.
Howson, William John, Jr.	D.C.	Howe, Adele S.	Pa.
B.S. 1946, Baker University		Huggins, David Sherwood	Conn.
Howar, Edmond	Md.	Huggins, James Andrew	D.C.
Howar, Raymond Joseph	D.C.	B.S. 1948, Georgia Institute of Technology	
Howard, Betty Jane	Va.	Huggins, Nordelee	S.C.
Howard, Charles Raymond III	Md.	B.S. 1947, Washington College	
Howard, Henrietta R.	Md.	Hughes, Benjamin Chappelle	D.C.
A.B. 1949, Catholic University of America		Hughes, David Charles	Md.
M.S. 1950, The George Washington University		B.S. in Eng. 1947, Wayne University	
Howard, Percy John	Ala.	Hughes, Edward Joseph	D.C.
B.S. 1949, University of Alabama		Hughes, Edward James	Pa.
Howard, Robert Leaphone	Va.	Hughes, Edward Williamson	Pa.
A.B. 1948, University of Alabama		A.B. 1947, I.I.B. 1947, University of Washington	
Howard, Sidney H.	Ala.	Hughes, Frank Margaret	Pa.
A.B. 1949, The George Washington University	N.Y.	Hughes, Harry Roe	Md.
Howard, William John, Jr.	D.C.	B.S. 1948, University of Maryland	
		Hughes, Henry Franklin	D.C.
		Hughes, James Henry	Va.
		A.B. 1947, New York University	

Hughes, John Franklin	Wyo.	Hungerford, Beverly Joan	D.C.
B.S. 1948, University of Wyoming		A.B. 1949, Mary Washington College	Va.
A.M. 1950, University of Southern California		Hunley, William Henry	D.C.
Hughes, John Temple	Va.	Hunsaker, Katherine Frances	Va.
Hughes, Michael Vincent	N.Y.	Hunt, Charles Edmund	D.C.
Hughes, Robert Bruce	Ohio	Hunt, Charlie Ralord	Conn.
A.B. 1948, University of Cincinnati		Hunt, Deacon	Md.
Hughes, Robert Joseph	Okla.	Hunt, John Chelsea	D.C.
Huang, Shing-yi	China	Hunt, John Conway	Wyo.
A.B. 1945, Central Institute of Political Sciences, China		Hunt, Lee McCaa	
A.M. 1949, The George Washington University		Hunt, Lester Calloway, Jr.	Md.
Hubbard, Charles Harold	Va.	Hunt, Richard Coulter Drum, Jr.	
Hubbard, Russell Hale, Jr.	Conn.	B.S. 1950, United States Naval Academy	
B.S. in E.E. 1944, Syracuse University		A.M. 1950, University of Pennsylvania	Ohio
Huber, Doyle William	Tex.	Hunt, Richard House	N.Y.
Huber, Joseph Richard	N.Y.	Hunt, Thomas Joseph	Oreg.
B.S. 1950, Georgetown University		Hunt, Warren Taylor	Md.
Huckleberry, Don G.	Md.	Hunt, Zane Walker	W.Va.
B.S. 1947, Indiana University		Hunter, Barbara Jean	Md.
Hudgins, Ann Shearer	Va.	Hunter, Donald Van Osdal, Jr.	
Hudgins, John Jefferson	D.C.	A.B. 1950, The George Washington University	D.C.
LL.B., LL.M. 1949, The George Washington University		Hunter, Janet Marie	D.C.
Hudnall, Maisie Oliver	Va.	Hunter, John Behr	
A.B. 1947, The George Washington University		A.B. 1950, The George Washington University	Tex.
Hudson, Claude P.	D.C.	Hunter, Laura Grace	
Hudson, Doris Jeanne	D.C.	A.B. 1949, University of Texas	Ky.
Hughes, Walter Lemmon	Va.	Hunter, Lucian O	N.C.
Hughes, William Malcolm	Ohio	Hunter, Millard Stanton	
Hughes, Wilton John	Pa.	B.S. 1938, University of North Carolina	Vt.
B.S. 1949, The George Washington University		Hunter, Nancy Elizabeth	N.J.
Hughitt, Jerry Keefe	Va.	Hunter, William Campbell	Va.
Hugoniot, Eunice Lenora	Va.	A.B. 1935, Pratt Institute	Va.
Hui, Peter S. P.	D.C.	Huntington, Raymond Franklin	D.C.
Hui, Wing Yam	China	Huntton, John Heath	
A.B. 1950, Columbia University		Huntton, Richard Edwin	Va.
Hulfish, Harriett	Va.	A.B. 1949, The George Washington University	
Hulfish, Jane Pennington	Va.	Huntsberger, Carl Myron, Jr.	
Hulfish, Joan Spofford	Va.	A.B. 1941, California Institute of Technology	Pa.
Hulett, Clarence Macrea		Huntz, Daniel Richard	Ind.
A.B. 1947, Otterbein College		Huppert, James Donald	
Hull, Maury Isaac	Tenn.	B.S. 1947, Indiana State Teachers College, Terre Haute	N.Y.
A.B. 1932, Southwestern University		Hurd, James William	Utah
A.M. 1946, The George Washington University		Hurd, John Prewett	
Hull, Warren Robertson	N.Y.	A.B. 1950, Westminster College	Minn.
Hulley, James Pierce	D.C.	Hurd, Marjorie Kathryn	D.C.
B.S. 1924, United States Military Academy		Hurdle, Richard Emmett	France
Huls, Ronald La Vern	D.C.	Hurel, Robert Audie	D.C.
Hulsey, Judson Dowling	D.C.	Hurkett, Jack Walter	Va.
Hulvey, Charles Newton, Jr.	Va.	Hurley, Charles Warren	
B.S. 1936, University of Virginia		Hurley, Elsie Murtagh	
Hume, Kevin Charles	N.J.	B.S. 1939, College of the City of New York	Va.
Humes, Theo Leon	Pa.	Hurley, Homer Sanders, Jr.	D.C.
A.B. 1948, University of Pittsburgh		Hurley, John Gregory, Jr.	
Hummel, Henry Black	D.C.	B.S. 1950, Georgetown University	D.C.
Humphreys, Richard Raum	Va.	Hurley, John James	
A.B. 1947, Ohio Wesleyan University		B.S. 1948, The George Washington University	D.C.
Humphries, Herold Gordon	S.C.	Hurley, Maryanne	N.M.
Humphries, Suzanne	Fla.	A.B. 1948, Geneva College	D.C.
Hunsley, Henry Robert	W.Va.	Hurley, Mary Hope	
Huang, Chung Chung	China	Hurley, Thomas Jefferson	
A.B. 1927, San Diego State College			
A.M. 1929, Columbia University			

Students Registered

475

Hurley, Wilson Patrick B.S. 1945, United States Military Academy	N.M.	Hylant, Emory Paul B.S. 1922, United States Naval Academy	N.Y.
Hurchman, Jack B.S. 1948, American University	D.C. Md.	M.S. 1941, Columbia University	
Huret, Carl Wilson, Jr. A.B. 1949, The George Washington University	Tenn.	Hymowitz, Shirley L. Hynes, Robert Edward	Md. D.C. Va.
Hurst, Georgia Leone A.B. 1949, The George Washington University	Mo. Ala.	I	
Hurt, Mary Texas A.B. 1949, The George Washington University		Iandolo, Angelo John	N.Y.
Hurwitz, Harlan Earl A.B. 1949, The George Washington University	D.C.	Ice, John Frederick	Pa.
Hurwitz, Pearl A.B. 1950, New Jersey State Teachers College	N.J.	Ickenbower, David Edward	D.C.
Hury, Julia Ann Hury, Pauline Martha		Ichikawa, Torao George	Calif.
Husby, Shirley Royce		A.B. 1949, University of California	
Huse, Joan Rockwell		Iddings, Helen	Va.
Huss, Ralph Edwin A.B. 1943, University of Minnesota		A.B. 1949, Hanover College	
Husar, Edward John A.B. 1946, The George Washington University		Idoine, Leon Sumner	Md.
Husser, Andrew Hussey, Edith Louise		B.S. 1940, University of Toledo	
A.M. 1922, Mount Holyoke College		M.P.H. 1947, University of Michigan	
Hutchinson, Alan Stanton B.S. 1948, St. Martin's College		Iglehart, John Joseph	Md.
Hutchinson, Burnetta Marie		Ihara, Hideo	Calif.
Hutchinson, Buel		Ihara, Ruth Okuye	Calif.
Hutchinson, George Edward		Ikegami, Carol Setsuko	Hawaii
A.B. 1948, Duke University		Ikegami, David Takeshi	Hawaii
Hutchinson, Herbert Malcolm		A.B. 1949, The George Washington University	
Hutchinson, Nina A.B. 1949, University of Maryland		Illg, Paul Louis	D.C.
Hutchinson, William Storm		A.B. 1946, A.M. 1941, University of California	
Hutchison, James Warner		Imbert, Rosemary	Mont.
Hutman, Juanita Ceelia		A.B. 1944, Montana State University	
Hutman, Burton Simson		Immen, Norbert George	D.C.
Hutnaire, Edward William		Imre, Celal	Turkey
Hutton, Harrison Darden		Imrie, Walter Curtis	Va.
A.B. 1948, Southeastern Louisiana College		B.S. 1946, Rhode Island State College	
Hutton, Nancy Jeanne		A.M. 1949, American University	
A.B. 1948, Wellesley College		Indorf, Frederick Anderson	Mo.
Hutt, James Brooke, Jr. B.S. in E.E. 1942, University of Michigan		B.S. 1948, University of Missouri	
Hutt, Vincent Benjamin		A.M. 1949, The George Washington University	
Hutton, Daniel Cogdell		Infantino, Carmelo John	N.J.
A.B. 1948, University of Utah		Ingalls, Anne Miriam	D.C.
A.M. 1950, The George Washington University		A.B. 1949, Intermountain Union College	
Huyer, Anne		Ingalls, Huntley Hampton	Md.
Huyssou, Marion Evelyn		Ingersoll, Sarah Ellen	N.J.
Hyde, Edward Richard		Inglis, Anthony	D.C.
B.S. in E.E. 1948, Purdue University		Inglis, Robert Scott	D.C.
Hyde, Grant Lafayette		Innamorati, Anthony Walter	D.C.
Hyde, John Lafayette		B.S. 1948, Massachusetts Institute of Technology	
Hyde, Lloyd S.		Innes, John Rennolds	Mo.
Hydeman, William Robert		Inouye, Chizuko	Ariz.
A.B. 1945, Miami University		Inouye, Daniel Ken	Hawaii
A.M. 1937, Syracuse University		A.B. 1950, University of Hawaii	
		Inscoc, June Virginia	D.C.
		Inserni, Hiram	D.C.
		A.B. 1950, The George Washington University	
		Intrater, Natalie Block	D.C.
		Inzinna, Joseph Francis	N.J.
		Ionno, Joseph Anthony	Conn.
		Iovino, Charles Anthony	D.C.
		Irelan, Lola Marie	Va.
		Irick, Leonard Mason	N.Y.
		Irico, Joseph	
		B.S. in Eng. 1950, The George Washington University	



Irons, Edward Stekling	D.C.	Jackson, Frances Beatrice	Tenn.
B.S. 1942, J.D. 1947, University of Illinois		A.B. 1950, The George Washington University	Md.
LL.B. 1950, The George Washington University	Md.	Jackson, Frank Holbrook	Va.
Irons, Nancy Ione	D.C.	B.S. 1938, University of Maryland	Md.
Irvin, William Gordon, Jr.	Va.	Jackson, Luther Harden	Tenn.
Irvine, Alison Gilchrist	N.Y.	Jackson, Marjorie Ann	D.C.
Diploma of Art 1950, University of Edinburgh	Iowa	Jackson, Martha Nell	Ala.
Irvine, Eleanor Hood	D.C.	Jackson, Mary Patricia	N.Y.
Irving, George Timothy	W.Va.	Jackson, Nellie Faye	D.C.
A.B. 1950, The George Washington University	Va.	Jackson, Philip Wilford	Va.
Irwin, David Conrad, Jr.		B.S. in E.E. 1949, Duke University	
Irwin, Grattan George		Jackson, Robert McClelland	
A.B. 1947, West Virginia University		Jackson, Sandra Sue	
Irwin, Harry Elmer		Jackson, Thomas Avery	
B.S. in Eng. 1950, The George Washington University		B.S. 1931, Mississippi Southern College	D.C.
Irwin, Mort Foster	N.Y.	Jackson, William Edward, Jr.	Conn.
Irwin, Shull Leonard	D.C.	Jackson, William Stanley	N.Y.
A.B. 1937, Gettysburg College		Jacob, Fred	
Irwin, Wade Bryan, Sr.	D.C.	B.E.E. 1948, College of the City of New York	D.C.
Irwin, Walter Cranston	D.C.	Jacob, John Brevard	D.C.
Isaac, Isaac	Pa.	Jacob, Phyllis Eileen	Md.
A.B. 1949, The George Washington University		Jacobs, James Wiley	
Isbell, Francis Russell	Va.	B.S. 1940, The George Washington University	Pa.
Iseri, Kathleen	Calif.	Jacobs, John J.	
Ishak-Said, Abdul Aziz	D.C.	B.S. 1943, Pennsylvania State Teachers College, Kutztown	D.C.
Ishida, Chizuko	Calif.	M.S. 1947, University of Pennsylvania	D.C.
Ishiyama, Kyoko	Va.	Jacobs, Joseph	
Isler, Jeanette Arlene Carroll	Ill.	Jacobs, Milton	
Isley, Dale Elmer	D.C.	A.B. 1948, A.M. 1950, The George Washington University	N.Y.
Isom, Clifford Clinton	D.C.	Jacobs, Morton C.	
B.S. 1939, Kansas State Teachers College		B.S. 1942, College of the City of New York	Fla.
LL.B. 1950, The George Washington University		Jacobs, Robert Harry	N.Y.
Israel, Thomas Sewell	Md.	Jacobs, Walter William	
Itkin, Karl	Md.	B.S. 1914, College of the City of New York	
B.S. in E.E. 1934, Cooper Union		A.M. 1949, The George Washington University	D.C.
Itzyer, Edwin Recher	N.Y.	Jacobson, Arlene Beatrice	Nev.
Itzkof, Seymour W.	Md.	Jacobson, Lindsay Kay	Iowa
A.B. 1950, Hillier College		Jacobson, Wesley Cassel	Pa.
Juso, Mary Jo	N.J.	A.B. 1930, University of Iowa	
Juso, Mildred Ann	N.J.	Jacobstein, Harold	
Iverson, Donald Bernard	S.D.	B.S. 1940, Pennsylvania State Teachers College, Indiana	Nebr.
Iverson, John Roger	Va.	Jacupke, Arlene Ann	Ohio
Ivey, William Richard	Fla.	Jaek, William Clifford	Fla.
Iwanoto, David	Hawaii	Jaekel, George Marion	Md.
Iwane, Torry	Hawaii	A.B. 1948, Florida State University	
Izzard, Mary Garwood	Va.	Jaeks, Charles Harry	D.C.
A.B. 1930, University of Michigan		B.S. 1949, University of Maryland	N.Y.
J			
Jachimiak, Aline Joan	N.Y.	Jacshke, John Henry	N.J.
B.S. 1950, D'Youville College		Jaffe, Irving	
Jack, Paul Summers, Jr.	N.Y.	A.B. 1948, New York University	
Jackson, Auxville, Jr.	Va.	Jaffe, Sidney Abraham	D.C.
B.S. 1950, Virginia Polytechnic Institute		A.B. 1938, The George Washington University	D.C.
Jackson, Catherine	Va.	Jaffee, Audrey Frances	Va.
Jackson, Charles Edgerton, Jr.	Md.	Jaffee, Arthur Louis, Jr.	D.C.
B.S. in Eng. 1945, United States Naval Academy		James, Charlotte M.	
Jackson, Daniel Grove	Md.	James, Edith Lee	D.C.
A.B. 1951, University of Maryland		B.S. 1949, The George Washington University	N.J.
Jackson, Duane J.	Okla.	James, Elmer Russell	
B.S. 1946, Central State College		James, Francis Pauline	
		James, Frederick Roscoe, Jr.	

Students Registered

477

James, Howard Victor	Md.	Jenkel, Martin John, Jr.	Iowa
James, Lloyd Edward, Sr.	D.C.	Jenkins, David Kay	Pa
James, Vaughna Caroline	Ohio	Jenkins, Jack Howard	Okla.
James, William Aventine, Jr.	D.C.	Jenkins, Ralph Elton	Md.
James, William Wilson	Md.	Jenkins, Robert Conora, Jr.	Va.
B.S. 1943, Virginia Polytechnic Institute		Jenkins, Worthy Lee	W.Va.
Jameson, Anne Pappas	Mass.	A.B. 1950, Marshall College	
Jameson, John Franklin	D.C.	Jenks, Barton Pickering III	Va.
Jamgochian, Harop Herach	Mass.	A.B. 1947, University of Michigan	
L.I.B. 1952, Clark University		L.I.B. 1955, University of Virginia	
Jameson, Elsie Jean	D.C.	Jenis, Helen Spasoff	Md.
Jameson, James Yancey	D.C.	Jennings, Barnard Fulton	Va.
Jans, Fred Carl, Jr.	Md.	B.S. 1949, University of Virginia	
B.S. 1957, University of Maryland		Jennings, Bonner Parnell	Va
Jansen, Willard Gilbert	Wis.	Jennings, Edward Paul, Jr.	D.C.
B.S. 1948, St. Norbert College		Jennings, James Murray	D.C.
Jaracz, Cecelia Katherine	D.C.	Jennings, Nancy Alice	Md.
Jaramillo, Amelia Canlas	Philippines	A.B. 1949, The George Washington University	
Jarcho, Harold George	R.I.	Jennings, Robert Lee	D.C.
B.S. in E.E. 1940, Rhode Island State College		Jennings, Sara Flowers	Ga.
Jarema, Frank Gerald	Ohio	Jennings, Vincent James	Va.
Jarwal, Praveen Kantilal	D.C.	A.B. 1947, Yale University	
B.S. 1946, University of Bombay		Jensen, Alex	D.C.
Jarvis, Albine Joseph	Mass.	Jensen, Dinnie-maud Virginia	Md.
Jarvis, Pauline Marie	N.Y.	B.S. 1942, Wisconsin State Teachers College, La Crosse	
Jasiewicz, Charles Peter	Va.	Jensen, Emilie K.	Ind.
Jasinowski, Elizabeth Jean	Va.	B.S. 1950, Columbia University	
Jaskiewicz, Edmund Michael	Conn.	Jensen, Jack Monsen	Utah
B.S. 1947, University of Connecticut		Jensen, John Robert, Jr.	Iowa
Jaskiewicz, Joseph Adam	D.C.	Jensen, Mabel S.	Mass.
Jaskiewicz, Joseph Francis	Pa.	Jensen, Mildred B.	Pa.
A.B. 1949, The George Washington University		Jensen, Robert Lee	D.C.
Jaskiewicz, Leonard Albert	Conn.	Jensen, Willie John	Wyo.
A.B. 1949, University of Connecticut		B.S. 1947, Pennsylvania State College	
A.M. 1950, Syracuse University		Jentzen, Antoinette Eugenie	N.J.
Jaskot, John Joseph	Pa.	Jerabeck, John Francis, Jr.	Va.
Jasper, James Dudley	Va.	B.S. 1947, Rutgers University	
Jatho, George Theodore, Jr.	Calif.	A.M. 1940, Columbia University	
A.B. 1936, University of California		Jernigan, Joseph Branscomb	D.C.
Jay, John Elliott	Va.	Jetome, Charles Joseph	Va.
A.B. 1947, Swarthmore College		Jeton, Francis John	N.H.
L.I.B. 1949, Columbia University		Jeton, Mary Cowen	Md.
Jay, Virginia Saunders	Md.	A.B. 1950, Smith College	
Jecklin, Hilda Lawson	D.C.	Jetton, Girard R., Jr.	Md.
A.B. 1922, University of Richmond		B.S. in Eng. 1945, A.B. 1947, The George Washington University	
Jeffers, Albert Lavern	Ind.	L.I.B. 1950, Harvard University	
B.S. 1949, Evansville College		Jetton, Mera Riddell	Md.
Jeffery, John Cordell	D.C.	B.S. 1946, The George Washington University	
A.B. 1950, The George Washington University		A.M. 1948, Smith College	
Jefferson, Jennie Marguerite	Va.	Jewell, Edwin Wenden	D.C.
Jefferson, Lavinia Wilson, Jr.	Md.	Jewell, Joseph Thomas, Jr.	D.C.
Jeffrey, Charles Thomas	D.C.	Jewett, Garry William, Jr.	Wash.
Jeffrey, Nancy Carolyn	Ala.	B.S. 1942, United States Naval Academy	
B.S. 1948, University of North Carolina		Jewett, John Stanford	Md.
Jeffries, Albert Carmie, Jr.	D.C.	B.S. 1948, Georgetown University	
A.B. 1950, The George Washington University		Jimenez, Ana Luisa	Puerto Rico
Jeffries, John, Jr.	D.C.	Jimenez, Doris Amelia	Puerto Rico
B.S. 1947, Harvard University		Jimenez, Lavinia	D.C.
Jeffries, Margaret Elizabeth	Md.	Jobe, Harrel Kent	Tex.
Jeffrey, Jorge Cavenago	Peru	Jobe, Milton Lockwood	Ala.
Jell, W. Winifred Morgan	D.C.	Joel, Clark	D.C.
Jennan, Simon Calais	Md.	A.B. 1949, The George Washington University	
C.E. 1949, Polytechnic Institute in Zurich		Johansen, Robert Howard	D.C.
Jemison, Edward Thomas	N.C.	Johler, Joseph Ralph	Md.
Jenkel, Albert Arthur	Iowa	A.B. 1941, American University	

John, Harry William A.B. 1947, St. John's University A.M. 1949, Georgetown University	Minn.	Johnson, John Janney B.S. 1939, Virginia Military Institute	Va.
Johns, William John	Ill.	Johnson, Joyce Elizabeth	Iowa
Johnson, Andrew Robert	Md.	Johnson, Kathryn Preston	N.D.
Johnson, Berna Louise M.S. 1938, University of Wisconsin	D.C.	Johnson, Louis Earl	D.C.
Johnson, Carey Kenyon B.S. 1950, Virginia Polytechnic Institute	Va.	Johnson, Margaret Elizabeth	Md.
Johnson, Carl Richard	D.C.	Johnson, Margaret Miriam B.S. 1942, Pennsylvania State Teachers College, California	Conn.
Johnson, Cecil David A.B. 1948, University of Kansas City	Va.	Johnson, Marjorie Ellen	Md.
Johnson, Charles Albert	Md.	Johnson, Marjorie Pennington	Pa.
Johnson, Charles Christopher, Jr.	D.C.	Johnson, Mary Kathleen	D.C.
Johnson, Charles Kobler A.B. 1948, A.M. 1949, Stanford University	Calif.	Johnson, Myles MacCrimman	N.M.
Johnson, Charles Peckham B.S. 1950, University of Maryland	D.C.	Johnson, Paul Douglas B.S. 1940, University of Southern California	N.H.
Johnson, Charles Ray	Va.	Johnson, Paul Fogerty A.B. 1950, The George Washington University	Ill.
Johnson, Charles Vernon B.S. 1946, Georgetown University	Mich.	Johnson, Paul John	Miss.
Johnson, Charles Webster	Md.	Johnson, Peter Herbert A.B. 1948, A.M. 1950, The George Washington University	N.Y.
Johnson, Chula Long	Calif.	Johnson, Ray M.	N.D.
Johnson, Clarence William A.B. 1949, Valparaiso University	Wis.	Johnson, Raymond Sund B.S. 1938, University of North Dakota	D.C.
Johnson, Clyde Daniel	D.C.	Johnson, Rhyley Wade	Iowa
Johnson, Daniel Bruce	D.C.	Johnson, Richard Lee B.S. 1949, Iowa State College	Iowa
Johnson, Daniel Lyle A.B. 1949, Shepherd College	W.Va.	Johnson, Robert Edward	N.Y.
Johnson, Daniel Lynn A.B. 1950, The George Washington University	Md.	Johnson, Robert Edwin	D.C.
Johnson, Donald Lewis B.S. in Ch.E. 1947, Purdue University	S.D.	Johnson, Robert Frank	Ind.
Johnson, Dorothy Lee A.M. 1945, The George Washington University	D.C.	Johnson, Robert Sumner	
Johnson, Dorothy Louise	Md.	Johnson, Stephen Lobdell B.S. 1939, United States Naval Academy	Md.
Johnson, Douglas Richard	Va.	Johnson, Ruth Anne	Conn.
Johnson, Earl Winslow B.S. 1942, Pennsylvania State College	Pa.	Johnson, Victor Eric	D.C.
Johnson, Edwin Joseph	Md.	Johnson, Victor Jerome	D.C.
Johnson, Elise Hill	Va.	Johnson, Wilda Elaine	Pa.
Johnson, Ernest Linwood, Jr. B.S. 1950, University of Maryland	Va.	Johnson, William Joseph	Nebr.
Johnson, Ethel Irma	Md.	Johnson, Albert Martin B.S. in E.E. 1947, A.B. 1948, University of Nebraska	Md.
Johnson, Eva M. A.B. 1949, A.M. 1951, The George Washington University	Va.	Johnston, Allen Knight	Va.
Johnson, Everett Carl	D.C.	Johnston, Doris Jean A.B. 1949, The George Washington University	D.C.
Johnson, Francis William	Md.	Johnston, Edith Newlands	N.C.
Johnson, Frank Tracy	Ga.	Johnston, Harvey Wylie B.S. 1949, University of North Carolina	Pa.
Johnson, Gloria Luvina	D.C.	Johnston, Josephine Elizabeth	Md.
Johnson, Harlan Thode B.S. 1931, United States Naval Academy	Nebr.	Johnston, Margaret Hildreth	Ill.
Johnson, Helen Lillian	D.C.	Johnston, Norma Jeanne A.B. 1948, University of Illinois	Md.
Johnson, Howard Hamilton, Jr. A.B. 1948, The George Washington University	Tenn.	Johnston, Norman Dallas	Va.
Johnson, James, Jr.	N.C.	Johnston, Richard Charles	Va.
Johnson, James Arthur	Va.	Johnston, William McDow	D.C.
Johnson, James Coombs	Va.	Johnstone, Elizabeth Caroline	Mich.
Johnson, Janice Mary B.S. 1947, University of Nebraska	Va.	Johnstone, James Bruce A.B. 1950, The George Washington University	N.C.
Johnson, John	Va.	Johnstone, Lillian Caldwell	Mich.
Johnson, John Alvin A.B. 1937, De Pauw University	Va.	Johnstone, William Henry	Va.
Johnson, John D. I.D. 1940, University of Chicago		Joiner, Osceola Coffield	Tex.
Johnson, John D. LL.M. 1946, Harvard University		Joiner, Thomas Ardell	N.Y.
		Joliet, Margaret Josephine	Iowa
		Jones, Anna Beth	



Students Registered

479

Jones, Audrey Lenora	Va.	Jones, Virginia Walton	Va.
Jones, Benjamin Perry, Jr.	N.C.	A.B. 1944, The George Washington University	
A.B. 1950, The George Washington University		Jones, Walter Warren	Ky.
Jones, Beverly Ann	D.C.	A.B. 1950, The George Washington University	
Jones, Calvin Clark	Va.	Jonkers, Anthony Richard	N.Y.
Jones, Charles Clifford	D.C.	Jonscher, Bennett Graham	Va.
B.S. 1951, The George Washington University		Jonscher, Joanne Louise	D.C.
Jones, Charles Hampton, Jr.	D.C.	A.B. 1950, College of William and Mary	
Jones, Charles Louis	D.C.	Jonson, Carl Egerton	Va.
Jones, Claggett Aloysius	D.C.	Jordan, Fannie Gillespie	D.C.
A.B. 1951, The George Washington University		Jordan, Francis Xavier	Md.
Jones, Cullen Bryant, Jr.	Va.	A.B. 1937, University of Maryland	
A.B. 1948, LL.B. 1950, The George Washington University		Jordan, Henry Bernard	Pa.
Jones, David Macon	D.C.	B.S. 1940, University of Scranton	
Jones, Doris Jeanne	D.C.	Jordan, James Robert	Va.
Jones, Edward Allan	Va.	Jordan, John Alexander	D.C.
Jones, Edwin Brooke	Tex.	A.B. 1948, University of Wisconsin	
A.B. 1949, University of Texas		Jordan, John Alexander, Jr.	D.C.
Jones, Ellen Brymer	Va.	Jordan, Lewis Goodod	Va.
A.B. 1918, A.M. 1942, Syracuse University		Jordan, William McRae	N.C.
Jones, Everett Craig, Jr.	N.C.	Jorgenson, James Lewis	D.C.
Jones, Frank Edward	Pa.	Jose, William III	D.C.
B.S. 1950, Waynesburg College		Joseph, Robert Emmett	Va.
Jones, Frank Pierce, Jr.	Tex.	LL.B. 1923, University of Virginia	
Jones, Gary V.	D.C.	Josephs, David Herbert	Pa.
B.S. 1950, University of North Carolina		Josephson, Gilbert C.	Md.
Jones, Harold Llewellyn	N.C.	Joslin, Marilyn	N.H.
Jones, Harriet Elizabeth	Ala.	A.B. 1949, Smith College	
Jones, Harry C.	Va.	Jostlyn, Danforth	D.C.
Jones, Harry Lee, Jr.	Mo.	Jovanovich, George Stephan	Yugoslavia
Jones, Harvey Alexander	D.C.	LL.B. 1931, University of Belgrade	
Jones, Helen Rector	Va.	Jowett, George Frederick	D.C.
B.S. 1940, Madison College		Joy, Betty Ann	Va.
Jones, Hilda Mary	D.C.	Joyce, Esther Mae	D.C.
In B. 1948, Marygrove College		Joyce, Joseph Eugene	D.C.
Jones, James Abalom	Md.	Joyce, Martha Radcliffe	Mass.
Jones, James Frederick	Va.	A.B. 1944, Wellesley College	
Jones, James Mitchell	D.C.	Joyce, Mildred M.	Md.
Jones, John Norvill	Ark.	Joyner, Howell Caloway, Jr.	D.C.
Jones, Leonard Bernard, Jr.	Mass.	Juarez, Joe Angel	Tex.
Jones, Lillian Grace	Md.	A.B. 1950, The George Washington University	
Jones, Lois Perry	Md.	Judd, Dean Burritt	Md.
A.B. 1937, University of Kentucky		Judd, Howard Galloway	D.C.
Jones, Martha Lane	D.C.	Judd, Irwin Melvin	Pa.
Jones, Mary Louise	Pa.	B.S. 1950, University of Scranton	
B.S. 1946, College Misericordia		Judd, Kenneth C.	N.Y.
Jones, Norman Paul	D.C.	Judkins, Woodrow Wallis	D.C.
Jones, Norman William	Pa.	Judson, Joseph	N.Y.
B.S. 1947, University of Scranton		Judson, Richard Walker	D.C.
Jones, Paul John	D.C.	Judy, Martin Conner	Va.
B.S. 1949, University of Maryland		A.B. 1946, Shepherd College	
Jones, Raymond Edward	Md.	Jaergens, Harriet A.	Ohio
Jones, Robert Ellis	Va.	A.B. 1948, Oberlin College	
Jones, Robert Franks	N.J.	Julian, Dorothy Jean	Va.
Jones, Robert Howard	Va.	A.B. 1949, Furman University	
B.S. 1929, University of Maryland		Julier, Bertram Harvey	Md.
M.S. 1933, Union College and University		B.S. 1947, Massachusetts Institute of Technology	
Jones, Robert John	Va.	Julius, Richard Friedli	D.C.
A.B. 1949, The George Washington University		Jump, Nelson Byron	Va.
Jones, Robert Kay	Va.	A.B. 1946, University of North Carolina	
Jones, Robert Theron	Md.	Jungblut, Edward Wilmont	N.J.
Jones, Theresa Ann	D.C.	A.B. 1950, The George Washington University	
		Jungen, Leo John	Iowa
		Junker, Norman A.	Va.

Journey, James	Va.	Kanemoto, Shigeto	Hawaii
Justice, Alfred Smith	Va.	A.B. 1949, University of Hawaii	D.C.
Justice, Edgar Thompson	Ky.	Kantrowitz, Daniel George	Conn.
Justice, Norma Sue	D.C.	Kantrowitz, Gerald	
Jwaideh, Zuhair Elias	Iraq	A.B. 1950, The George Washington University	N.J.
LL.B. 1943, Law College, Baghdad, Iraq		Kanze, Robert F.	N.Y.
Jylkka, Edward Walter	Mass.	Kao, Laura Ke-Shan	Greece
		Kapellakis, Anne Alexander	Ohio
		Kapitan, Frank James, Jr.	Md.
		Kaplan, Benjamin David	
		A.B. 1948, The George Washington University	D.C.
Kabatchnick, Neil Bernard	Pa.	Kaplan, Bertram W.	
B.S. 1950, University of Scranton	Okla.	A.B. 1949, The George Washington University	D.C.
Kabrich, Delmar, Jr.	Pa.	Kaplan, George	Ill.
Kacmarcik, Irene Frances	Va.	Kaplan, Harry	
Kaffenberger, William Michael	D.C.	A.B. 1948, The George Washington University	D.C.
Kahn, Asher Daniel	N.C.	Kaplan, Harvey Douglas	D.C.
Kahn, Howard		Kaplan, Juri Shalom	
A.B. 1940, University of North Carolina	Pa.	A.B. 1946, LL.B. 1948, New York University	N.Y.
Kahn, Kalvin		Kaplan, Jay E.	Md.
A.B. 1948, University of Pennsylvania	Va.	Kaplan, Louis Charles	
Kahn, Marilyn	Pa.	A.B. 1934, Yale University	
Kahn, Robert		LL.B. 1945, LL.M. 1948 Georgetown University	Md.
A.B. 1945, University of Pennsylvania	D.C.	Kaplan, Marcia	N.Y.
Kaiser, Jesse Albert	D.C.	A.B. 1946, University of Michigan	
Kaiser, Stanley Mortimer	D.C.	Kaplan, Nathan	
LL.B. 1950, The George Washington University	Mass.	B.S. 1939, College of the City of New York	N.Y.
Kaiser, Stuart Berwin		Kaplan, Walter Jules	D.C.
A.B. 1918, Harvard University		Kapneck, Philip Raum	Calif.
Kaitz, Hyman Benjamin		Kappius, Linda Lothrop	Va.
A.B. 1942, The George Washington University	D.C.	Kapriwa, Frank Louis	
Kakalec, John		B.S. 1942, Wake Forest College	D.C.
A.B. 1949, The George Washington University	Pa.	Kapsianos, William George	N.J.
Kakalec, Nicholas Joseph	Md.	Kapuscinski, Wallace John	N.J.
Kalaski, Jamie Swafford	D.C.	Karagiorgos, Nicholas Demetrios	D.C.
Kelfus, Ira	Pa.	Karayianis, Konstantinos	D.C.
Kaliner, Jack Steven	Md.	Karayianis, Nick John	D.C.
Kallah, Edward	S.D.	Karazikas, Eleni Pericles	D.C.
Kallemeyn, Hogen John		Kardell, Frederick Lloyd	Va.
B.S. 1949, LL.B. 1950, University of South Dakota	N.Y.	Kardovich, Nicholas Michael	
Kallman, Beatrice		B.C.E. 1942, College of the City of New York	N.Y.
B.S. 1948, The George Washington University	Md.	Kardys, Helen Elizabeth	D.C.
Kallmyer, Roy Leslie	Md.	Karelias, George Andrew	Afghanistan
Kalman, Benjamin	Wis.	Karimi, Ghulam Ali	N.Y.
Kalmer, Phyllis Ann	D.C.	Karlene, Michael Matthew	
Kaluf, John	Va.	A.B. 1933, University of Rochester	N.Y.
Kalvin, Paul Craig		Karlin, Jack Irwin	
A.B. 1948, The George Washington University	D.C.	A.B. 1941, The George Washington University	Md.
Kamecka, Maria Henrietta	Hawaii	Karmel, Charles Lewis	Pa.
Kanemoto, Fred Isamu		Karmilowicz, Carl Paul	D.C.
A.B. 1950, The George Washington University		Karousatos, Fotis Nicholas	Md.
Kamen, Henry Theodore	N.Y.	Karp, Jeannette	Va.
Kaminski, Norbert Joseph	Pa.	Karr, Michael Harris	
B.S. 1950, University of Scranton	Va.	B.S. in E.E. 1957, New York University	D.C.
Kamm, Arthur Thorpe		Karras, James Christian	N.C.
A.B. 1948, American University	D.C.	A.B. 1949, University of Michigan	Va.
Kammen, Edith Baila	Mass.	Karsted, Jessie Walton	N.Y.
Kane, Daniel Raymond	D.C.	Karstens, Ruth Flora	Md.
Kane, Eloise Frances	D.C.	Karver, Elliot	D.C.
Kane, Frank Michael		Karvatt, Robert Charles	Pa.
A.B. 1949, The George Washington University	Md.	Karydes, George	
Kane, William Matthew, Jr.		Kaschak, John Michael	
A.B. 1950, College of the Holy Cross			

# Students Registered

481

Kashdan, Laurence B.S. 1947, University of Chicago	N.Y.	Kay, Harold Henry A.B. 1950, The George Washington University	Va.
Kasius, Richard Volker A.B. 1941, University of Chicago	Mo.	Kay, Jeanette Ruth Mass.	
M.P.H. 1948, Johns Hopkins University		Kay, Joseph N.Y.	
Kaskin, Jacqueline Sylvia	D.C.	Kaye, Alfred Howard N.J.	
Kasimir, Sidney	N.Y.	Kaye, Carolyn Bradley D.C.	
Kaspar, Alexander Garrett	D.C.	A.B. 1949, Maryville College	
Kasprzyk, Laura Joan	N.Y.	Kaye, Gloria Jean D.C.	
A.B. 1949, The George Washington University		Kaye, Miles Charles Md.	
Kassebaum, Robert Gray	Va.	Kaye, Norman N. Pa.	
Kassoff, Arthur Irving	N.Y.	Keys, Darrel Gene Nebr.	
A.B. 1946, The George Washington University		Kays, Eva Mae Ariz.	
Karson, Thomas Constantine A.B. 1949, DePauw University	Ill.	A.B. 1947, Arizona State College	
Kasten, Marie Antoinette A.B. 1908, A.M. 1911, University of Wisconsin	D.C.	Kazinauskas, Stanley D.C.	
Katalinich, Mary M.	Minn.	Keadle, Mary Frances W Va.	
Kath, Lloyd Louis	Md.	Kealiker, Gail Dean Neb.	
Katkov, Albert	D.C.	Keane, Michael Aloysius D.C.	
Katauroos, James Michaelson	D.C.	Keane, Thomas Thomas, Jr. Va.	
Katur, Irving	Mich.	Keatin, Helen Marana D.C.	
A.B. 1941, University of Michigan		Kearney, Anna Mary Ed.B. 1940, Vermont State Teachers College, Castleton	
Katz, Edward Eliot B.S. 1900, The Citadel	N.Y.	Kearney, Harold J. A.B. 1946, Catholic University of America	Md.
Katz, Elaine Locuy B.S. 1948, Bucknell University	D.C.	LL.B. 1948, Union College and University	
Katz, Jerrold Jacob	Pa.	Kearney, Margaret Adele Pa.	
Katz, Joseph P. B.B.A. 1939, College of the City of New York	D.C.	Kearney, Robert Thomas Colo.	
J.D. 1948, The George Washington University	N.Y.	Kearney, William Robert N.J.	
Katz, Julius		Kearns, Lyman Coulidge Utah	
Katz, Julius Louis A.B. 1949, The George Washington University	D.C.	Keating, Mary Dolores D.C.	
Katz, Lahoma George	Va.	A.B. 1941, The George Washington University	
Katz, Leon	Md.	Keating, Mona E. Wis.	
Katz, Murray B.Ch.E. 1947, College of the City of New York	N.Y.	Keck, Edwin William B.S. 1948, Temple University	Pa.
Katz, Norman Harold B.S. 1949, University of Maryland		Kee, Richard Moy B.E. 1950, The George Washington University	D.C.
Katz, Sally Gordon	Md.	Kee, Robert D.C.	
Kaufman, Geraldine Dorothy	D.C.	Keckler, Josie Elsie D.C.	
Kaufman, Herbert	D.C.	Keele, Catherine Agnes Mass.	
Kaufman, Letha I. A.B. 1947, Bethel College	Va.	B.S. 1948, Boston College	
Kaufman, Lillie	Kans.	Keefe, David Ewing B.E.E. 1949, University of Virginia	Va.
Kaufman, Rae Ann A.B. 1950, Texas State College for Women	Va.	Keegan, James Daniel Md.	
Kaufman, Sidney	Tex.	Keegan, Patricia M. D.C.	
Kause, Charlotte Ann	Conn.	Keegan, Robert Daniel B.C.E. 1950, Catholic University of America	N.Y.
Kawlick, Raymond Paul	Ohio	Keeler, Owen Floyd, Jr. Vt.	
Kavruck, Samuel B.S. 1917, M.S. 1939, College of the City of New York	N.J.	B.S. 1942, United States Naval Academy	
A.M. 1950, The George Washington University	N.Y.	Keels, Myrtis Merritt D.C.	
Kawa, Russell Nicholas	Pa.	B.S. 1939, Winthrop College	
Kawahara, Thomas Tomokazu A.B. 1940, University of California	Hawaii	M.S. 1940, University of Tennessee	
LL.B. 1945, DePaul University		Keen, Joe Gibson Tenn.	
		Keen, Owen Allen Va.	
		Keenan, James William Md.	
		B.E. 1944, Johns Hopkins University	
		Keene, Elizabeth Ruth D.C.	
		Keeling, Harold Charles, Jr. D.C.	
		Keeter, Charles Pace Va.	
		Keeter, Daniel Leavy D.C.	
		Keets, Barbara Coleman D.C.	
		B.S. 1938, Morgan State College	
		Keifert, Robert Noah Wis.	
		Keiffer, Sebert Hector D.C.	
		Keil, Armin Theodore Conn.	



Keiser, Ray Edward	Ohio	Kelly, Virginia Curtis	Va.
A.B. 1949, Miami University		A.B. 1946, Goucher College	
Keister, Richard Edwin III	D.C.	Kelsey, David	Md.
Kelder, Emery James	D.C.	A.B. 1942, University of Rochester	Md.
Kellam, Donald Swift, Jr.	Va.	Kelso, Arthur David, Jr.	D.C.
Kelleghan, Gordon Thomas	D.C.	Kemp, Francis Edward, Jr.	Pa.
Kelleher, Philip William	Mass.	Kemp, Henry Werner	
A.B. 1935, College of the Holy Cross		A.B. 1950, The George Washington University	
LL.B. 1940, Georgetown University	Ill.	Kemp, Irene Rakestraw	Ga.
Kelleher, Robert Lee		Kemp, John Gordon	Ga.
Ph.B. 1945, Mount Carmel College		Kemp, William George	Md.
LL.B. 1950, Catholic University of America		A.B. 1949, The George Washington University	Ill.
Kelleher, William Vincent	Mass.	Kenady, Harold William	D.C.
B.S. 1944, Tufts College		Kendrick, Janet Joanna	
Keller, Allan Francis	Ohio	A.B. 1948, University of North Carolina	D.C.
Keller, Cornelia Ann	Md.	Kendrick, John Whitefield	
A.B. 1949, Trinity College		A.B. 1937, A.M. 1939, University of North Carolina	Va.
Keller, Glenna Isabella	Ohio	Kendrick, Mary Griffith	N.C.
Keller, John Linus	D.C.	A.B. 1926, Ohio Wesleyan University	D.C.
Keller, Thomas Dixon	Calif.	Kendrick, Thomas William, Jr.	Md.
Keller, William Adam	D.C.	Kenestrick, Mary Margaretta	
Kelley, Charles William	D.C.	Kentel, John Bonaventure	D.C.
Kelley, David Philip		A.B. 1940, Colgate University	N.J.
B.S. in E.E. 1949, Lehigh University	Va.	Kennedy, Claire Alvin, Jr.	D.C.
Kelley, George Ridgely	Pa.	Kennedy, James Jarvis	Md.
Kelley, Robert Vincent	Pa.	Kennedy, James Joseph	Md.
B.S. 1942, Pennsylvania State College		Kennedy, James Patrick	Va.
Kellogg, Robert Stephen	D.C.	Kennedy, Janet	
Kells, Jo Von	Iowa	Kennedy, Joseph Bernard, Jr.	
Kelly, Alexander Jackson	Md.	A.B. 1947, LL.B. 1949, The George Washington University	D.C.
Kelly, Allan William	D.C.	Kennedy, Mary Rita	D.C.
Kelly, Andrew Joseph	Mass.	Kennelly, Joseph Gerard	Pa.
B.S. 1950, Boston College		Kenneweg, Earl Edward	
Kelly, Catherine Burton	Md.	A.B. 1950, Waynesburg College	D.C.
A.B. 1939, Smith College		Kenney, Byron	D.C.
Kelly, Catherine Marie	D.C.	Kenney, John Henry	Calif.
Kelly, Daniel Francis	N.Y.	Kennon, Lawrence John	Va.
Kelly, Dee J.	Tex.	A.B. 1950, University of California	D.C.
A.B. 1950, Texas Christian University		Kenny, Rachel Rebecca	
Kelly, Edward Stephen	Pa.	Kenny, Raymond Joseph	
Kelly, Elizabeth Anne	D.C.	B.S. in Ch.E. 1950, University of Oklahoma	Va.
Kelly, Elizabeth Claudia	Md.	Kent, Arthur Peter	
B.S. 1941, Pennsylvania State Teachers College, Indiana		B.S. 1941, The George Washington University	N.Y.
Kelly, Frances Anne		Kent, Bion Huntley	Va.
A.B. 1944, University of Chicago	N.Y.	A.B. 1940, Cornell University	D.C.
Kelly, Francis Jerome	D.C.	Kent, Charles Harry	
Kelly, Francis Keith		Kent, Jack Howard	
A.B. 1948, The George Washington University		A.B. 1950, The George Washington University	Md.
Kelly, Gerard Joseph	D.C.	Kent, John Matthew	N.J.
A.B. 1948, Princeton University		Kent, Nancy Lee	Mo.
Kelly, Harry Joseph	Md.	Kent, Perrin Aloysius	
A.B. 1950, The George Washington University		A.B. 1941, The George Washington University	Mo.
Kelly, John Leo	Md.	Kent, Robert Earl	
B.S. 1947, Georgetown University		A.B. 1949, University of Missouri	D.C.
Kelly, John Richard	Md.	Kenyon, Lois Aleta	Md.
Kelly, Joseph John	Pa.	B.S. 1929, Michigan State College	D.C.
B.S. 1949, Ohio University		Kenyon, Nathaniel Colver	N.Y.
Kelly, Kenneth Max	D.C.	Keown, Glendola	Md.
A.B. 1947, University of Wichita		Keough, John Francis	
Kelly, Lewis Alan	D.C.	Kerbe, Wilmer Matthew	D.C.
Ph.B. 1950, Marquette University		U.S. 1950, University of Maryland	
Kelly, Margaret G.		Kerekes, Richard Karl	
B.S. 1941, M.S. 1945, The George Washington University			
Kelly, Mary Catherine	D.C.		
Kelly, Sam Byron	Miss.		
Kelly, Thomas Henry	Va.		

Keren, Michael	D.C.	Kiel, Frank Wilson	Pa.
Keren, Miriam	D.C.	A.B. 1950, University of Pennsylvania	
Kerish, Burton	D.C.	Kierbow, David Candler	Va.
Kern, John Jerome	D.C.	Kiergan, Nova Babb, Jr.	D.C.
A.B. 1949, Catholic University of America		B.S. 1933, United States Naval Academy	
Kern, Kenneth Jay	D.C.	Kiernan, Jean Camille	D.C.
Kern, Rita Elouise	D.C.	Kietur, John Paul	N.Y.
A.B. 1948, Rosary College		Kiger, Caroline Martin	D.C.
Kern, Tempie Christine	D.C.	A.B. 1928, The George Washington University	
Kernekin, Benno Carl	Md.	A.M. 1915, University of Virginia	Va.
Kernes, Bryon LeRoy	Mo.	Kilday, Bernard Leo, Jr.	Ind.
Kerone, Edward B.W.	Md.	Kilday, Marthada Vaughn	D.C.
B.S. 1929, M.S. 1930, Washington University		Kildea, Jack Harvey	Md.
Kerr, Basil John	Wash.	Kilgore, Frank Woodbury	D.C.
B.S. in F.S. 1949, Georgetown University		Kilgore, Robert Martin	
Kerr, David Renwick	Va.	B.S. 1947, Georgetown University	
A.B. 1914, Columbia University		Killham, Edward Leo	Ill.
Kerr, Frederic Gerard II	D.C.	B.S. 1949, Northwestern University	
Kerr, Horace Eskew	D.C.	A.M. 1950, Columbia University	
A.B. 1949, The George Washington University		Killian, Rosemary	Calif.
Kerr, Kay	Md.	Killingsworth, Ted Eugene, Jr.	Va.
Kerr, Melvyn Herbert	Ind.	B.M.E. 1943, Clemson Agricultural College	
B.S. 1941, Indiana University		LL.B. 1949, University of Utah	
Kerr, Richard Haller	W.Va.	Kim, Alexander Young Ha	Hawaii
A.B. 1948, West Virginia University		A.B. 1949, University of Hawaii	
Kerr, Roger Theodore	Va.	Kim, David S. C.	Calif.
A.B. 1950, The George Washington University		Kimber, Joseph Sidney	Va.
Kerwan, Thomas John	D.C.	B.S. 1948, Tufts College	
B.S. 1940, Pennsylvania State Teachers College, Mansfield		Kimberly, Elizabeth Caldwell	D.C.
A.M. 1949, The George Washington University		Kimbley, Betty Lou	Va.
Keshishian, James Mark	D.C.	Kimohe, Aaron	D.C.
Keskinen, Eero John	D.C.	Kimling, Robert Harry	D.C.
Kester, John Thomas	D.C.	Kimmel, Charles Thomas	D.C.
Kesinger, James Bennett	La.	Kimmel, Harold Dean	Nebr.
A.B. 1949, The George Washington University		Kimmel, Richard Simpson	Md.
Kessler, Floyd Sylvan	D.C.	Kimmerling, Richard William	D.C.
Kessler, Gunther Karl	D.C.	Kincaid, Robert Norman	Va.
Kessler, Virginia Hope	D.C.	Kinderman, Eugene John	Ill.
B.S. 1948, The George Washington University		B.S. 1911, University of Illinois	
Ketner, William Harry	Pa.	Kindness, Gordon Robertson	Md.
Kettler, Jacob Henry	Colo.	A.B. 1950, University of Maryland	
B.S. 1939, University of Denver		Kindness, Ronald James	Md.
M.B.A. 1949, Stanford University		King, Carolyn Zimmerman	Va.
Kettler, Marilyn Faye	D.C.	A.B. 1943, Mount Holyoke College	
Kettles, Harry William	Ga.	King, Edna Mae	Okla.
Kevan, Robert Andrews	Va.	King, Edward Mark	Va.
Keys, Carlton Albert	D.C.	King, Eleanore Woodward	
Keys, Zella Cox	Va.	A.B. 1930, A.M. 1939, The George Washington University	
Keyser, Encl Glen	D.C.	King, Elizabeth Raymond	Ill.
Keyser, Rhodia Marcia	Va.	A.B. 1947, Smith College	
Khan, Mohammad Salim	Ohio	King, Elvina Frances	N.Y.
A.B. 1947, Panjab University	D.C.	King, Ethel Virginia Anne	Md.
Kidd, Louise Elizabeth	Pakistan	King, George Burnett	D.C.
Kidney, Mary Elizabeth	D.C.	King, Hubert Graham	D.C.
Kidwell, Donald Leslie	Md.	King, James Ceul	Pa.
Kidwell, Margaret Mary	Va.	A.B. 1940, A.M. 1950, The George Washington University	
Kidwell, Stanley Slack, Jr.	Va.	King, Joan Beverly	Pa.
Knichel, Walter, Jr.	Nebr.	King, John Nathaniel	D.C.
A.B. 1941, University of Nebraska		King, Joseph Aloysius	Md.
LL.B. 1949, Yale University		King, Joseph Frederick	D.C.
LL.M. 1950, The George Washington University		King, Leon Herbert	W.Va.
		King, Morton Lionel	D.C.
		King, Myldred Martha	Va.
		King, Olive Elizabeth	D.C.
		B.S. 1943, University of Maryland	
		King, Randall Clark	D.C.
		King, Reta Marie	Pa.

King, Russell M.	Va.	Klanderman, Mary Josephine	Va.
King, William Bruce	D.C.	Klapp, Pete Patrick	Pa.
Kingsbury, Pamela Ruth Baughman	D.C.	B.S. 1950, University of Scranton	Md.
Kingsley, Paul I.	Md.	Kleh, Thomas Robert	Ohio
B.S. 1917, Northwestern University		Kleiman, Ansel	D.C.
A.M. 1949, University of California		B.S. 1950, Ohio State University	D.C.
Kinney, David Bowen	Va.	Klein, David Joel	D.C.
A.B. 1943, Alma College		B.Ch.E. 1942, Cooper Union	D.C.
Kinney, Donald David	Pa.	Klein, David Mendel	D.C.
Ph.B. 1949, University of Notre Dame	Ohio	Klein, Ernest Joseph	Ohio
Kinney, Marjorie Jean	D.C.	Klein, Frances Stephana Grzywacz	Md.
Kinsel, James Nolan		Klein, John Richard	Mass.
B.S. 1943, University of Maryland		Klein, Max	D.C.
Kinsley, Robert Thomas	D.C.	B.S. 1948, University of Massachusetts	Ohio
B.S. 1949, Yale University	Va.	Klein, Morris	
Kinsey, Robert Andrew	Md.	Klein, Robert M.	
Kinsman, Robert Gordon		A.B. 1949, The George Washington University	Pa.
A.B. 1950, The George Washington University		Klein, Truman Stoner	D.C.
Kintsfather, David Peter	Va.	A.M. 1952, University of Maryland	D.C.
Kintzel, June Catherine	Ill.	Eleinhen, Jean Catherine	N.Y.
B.S. 1949, University of Wisconsin		Kleizo, Julius Matthew	Utah
Kinzer, James Brooks	Pa.	Klemm, Warner Arthur	Ill.
B.S. 1948, Pennsylvania State College		Elene, William Anthony	Ga.
Kip, Ruloff Frederic, Jr.	N.J.	Klepak, Philip Harold	Va.
B.S.E. 1945, Princeton University		Kley, Frank Carl, Jr.	
Kippis, Dolores Etta	D.C.	B.S. 1948, The George Washington University	Va.
Kipper, Henry Haakon	Va.	Kliforth, Alexander Alfred	
Kippis, John William	Va.	A.B. 1940, St. Norbert College	D.C.
Kirby, Edward Francis, Jr.	Conn.	Kliegel, George John	D.C.
Ph.B. 1937, Providence College		Klieger, Walter Aaron	
Kirby, Homer Hugh	D.C.	A.B. 1948, The George Washington University	Ohio
Kirby, John Gildersleeve	Tenn.	Klika, Raymond Riggs	La.
A.B. 1935, University of the South		Kline, Beverly	
Kirby, Taylor Herman	Ala.	A.B. 1948, Ursuline College	N.J.
A.B. 1949, Birmingham-Southern College		Kline, Ira	D.C.
Kirchner, Francis Carlyle	Md.	B.S. 1948, American University	D.C.
B.S. 1948, The George Washington University		Kline, James Frederick	Pa.
Kirk, Michael James	Va.	Kline, Paul Arthur	D.C.
Kirkland, Robert Carey	Va.	Kline, Ralph Henry	D.C.
Kirkpatrick, Andrew Hollister	Md.	Klipp, Laurence Benjamin	Colo.
Kirkpatrick, Bernard Joseph	Md.	Klipp, Mary Jane	
Kirkpatrick, Howat Louraine E.	Md.	A.B. 1946, The George Washington University	Md.
Kirkpatrick, Martha Flowers	Md.	Klitenic, Maxine Foutes	Ohio
A.B. 1949, Hood College		Klitzman, Maurice H.	
Kirlin, Patricia A.	Mass.	B.S. in M.E. 1948, Purdue University	Md.
Kirsch, Arthur David	D.C.	Klockenbrink, F. I.	N.Y.
Kirsch, Martin Joseph	D.C.	Klonowski, Bernard Peter	D.C.
Kirschner, Myron	N.Y.	Klopman, Eliaz	Ind.
A.B. 1950, Hunter College		Klov Dahl, Gordon Jacob	Md.
Kirson, Stanley Martin	D.C.	Klow, Milton Cornell	Mich.
Kischitz, Nicholas Michael	N.H.	Klumfoot, Clarence Reuben	D.C.
B.S. in E.E. 1949, University of New Hampshire		Knapp, Robert Duane, Jr.	
Kiser, Chester Lake	Md.	A.B. 1948, The George Washington University	D.C.
Kishimoto, Tomi	D.C.	Knechtel, Joan Elizabeth	Kan.
Kisseleff, Morton	Va.	Kneisler, James Robert	Va.
Kistler, Carolyn Mae	D.C.	Knick, Samuel Hannon	N.Y.
Kistler, Wallace Grover, Jr.	Va.	Knight, Merrill Donaldson III	
B.A.E. 1949, The George Washington University		Knobler, Herbert Zevi	
Kitchens, Jacqueline	Va.	B.B.A. 1950, College of the City of New York	Pa.
A.B. 1945, Winthrop College		Knodle, Marian Ruth	Md.
Kitler, Cyril P.	Pa.	Knoll, Everett William	
Kitsoulis, Michael Thomas	D.C.	B.S. 1948, St. Mary's College	N.Y.
Kivitz, Murray Abraham	N.J.	Knopp, Edna	Pa.
B.S. 1949, New York University		A.B. 1943, Brooklyn College	
Kizler, John Willis	Tex.	Knorr, Francis George	
B.S. 1949, Northwestern University		A.B. 1949, University of Pittsburgh	
Klaasse, Robert Allen	Mich.		



Students Registered

485

Knott, Irene Olson	D.C.	Koosis, Isola Angela	Va.
Knott, Lucille	D.C.	AB 1943, The George Washington University	
Knott, Paul Lewis	D.C.	Koov, Herman Peter	N.J.
AB 1950, University of Maryland	Md.	AB 1951, The George Washington University	
Knotts, William Woodrow	Ill.	Kopack, Lorraine Mae	Ohio
Knowles, Edward William	Mass.	Kopack, John Louisa	N.Y.
Knowles, Mylan Henry	D.C.	Kaplan, Thomas Vincent	Va.
AB 1949, Michigan State College		Koplas, Allen Atlas	D.C.
Knowles, Robert Chandler	Va.	Koppelman, Irvin Jerome	Va.
AB 1945, University of California		Koppelson, Florence	Md.
Knox, David Kaywin	Va.	Kopstein, Felix Friedrich	D.C.
Knox, Doris Ware	Md.	AB 1949, A.M. 1951, University of Pennsylvania	
BS 1943, Tulane University		Kopulos, Renee	D.C.
M.D. 1942, Louisiana State University	Calif.	Korcher, Stephen Joseph	Pa.
Knox, Paul Raymond		Korda, Louis George	N.Y.
AB 1950, University of California	Va.	Kordish, Joseph Edward	D.C.
Knudson, Alvin B. C.		Koren, Blaut Martin A.	D.C.
BS 1947, B.M. 1948, M.D. 1939, University of Minnesota		Korn, Norman	D.C.
Koch, Dorothy Jane	D.C.	BS 1950, The George Washington University	
Koch, Paul M.	Md.	Kornhauser, Alvin	D.C.
Kochman, Edward Moses	Iran	Korns, Virgil Eben	Md.
Koehler, Joseph Thomas	D.C.	BS 1940, United States Naval Academy	
Koenig, Joseph William, Jr.	D.C.	Koronakas, Ann	N.J.
Koenig, William Edward	D.C.	Korpeck, Jerome Eli	N.Y.
Koester, Edwin Howard	D.C.	AB 1947, University of Rochester	
BS 1947, United States Naval Academy	Conn.	Kosaka, Fred Ineo	D.C.
Koflanovich, Joseph	Pa.	AB 1941, University of Washington	
Kogan, Marvin	Ill.	Koshkin, Lona McNeill	Md.
AB 1948, A.M. 1949, University of Illinois		Koski, Raymond James	Wis.
Kopin, Irving Raymond, Jr.	D.C.	Koskimen, Wanda Reid	Colo.
Koh, Byong Choll	Korea	AB 1944, Occidental College	
AB 1950, Willamette University	Va.	A.M. 1945, Claremont Colleges	
Kohmann, William Alexander		Kostelic, Albert Anthony	Colo.
AB 1949, Southern Methodist University		AB 1948, Western State College of Colorado	
Kohnen, Harold Albert	Ky.	Koster, Bernice Louise	D.C.
BS 1949, Georgetown University		Koster, Teresa Mary	D.C.
Kolan, Ruth Dennis	Md.	Kostik, Peter James	Ohio
Kosato, Sulo Charles	Md.	AB 1949, LL.B. 1951, The George Washington University	
Koski, Arodis Valan	Mass.	Kostka, Fred Paul	R.I.
Koskiah, Frederick	Md.	BS 1942, Rhode Island State College	
Koskely, Michael	Conn.	Kostura, Metro	Va.
Koskew, Joseph George	Ohio	Kost, Herbert Louis	D.C.
Kosmeyer, Herman Richard	D.C.	Kosmaros, Harry George	Pa.
Kosmick, Laurel Jean	Va.	BS 1950, Albright College	
Kosmick, Alexandra Felicie	D.C.	Koutsandreas, Peter Dionysios	D.C.
Kosmick, Lillian	D.C.	B.C.F. 1948, The George Washington University	
Kosmick, Harris Jerome	Md.	Koukoulas, Paul George	Md.
Kosmick, Renee Faeberger	Ohio	Kotny, Elnor Moana	D.C.
Kosmetzky, Kayil Wassileff	Ill.	Koutlas, George Anest	D.C.
D.D. 1947, University of Pittsburgh	Bulgaria	Kozel, Howard	D.C.
Korall, William George	Ohio	Kozes, Tom	Va.
R.F.E. 1949, Cornell University		AB 1949, The George Washington University	
Korpeck, Fred Joseph	Md.	Kouzmetsoff, Elizabeth	D.C.
Korpeck, Barbara Gouvalas	Va.	Kouzmetsoff, Nicholas E.	D.C.
Koo, David Yee Shih	D.C.	Kovachich, Am Milan	D.C.
Kooper, George Gordon, Jr.	Va.	BS 1950, Northern Illinois State Teachers College	
Kooper, John Leodan	D.C.	Kovacic, Velimir Nicholas	N.Y.
Kooper, David Anthony	Pa.	BS 1940, University of Baginets, Yugoslavia	
Kooper, George Hill	Va.	Kovaleski, Jeannie Julia	Pa.
Kooper, Robert Aaron, Jr.	Pa.		
Kooper, Walter Benjamin	Pa.		
Kooper, Robert Henry	N.C.		
BS 1947, University of North Carolina			
Koontz, Eleanor Leona	D.C.		

Kowalski, Fred Herman A.B. 1950, The George Washington University	Conn.	Krist, Fred George LL.B. 1950, The George Washington University	N.Y.
Kowalski, Walter Donald	Pa.	Kritt, Barbara Tanya	D.C.
Koyiades, Gregory N.	N.H.	Kritzer, Herbert	N.Y.
Kozel, Alexander LL.B. 1950, The George Washington University	Pa.	A.B. 1948, Syracuse University A.M. 1949, University of Pennsylvania	D.C.
Kozlowski, Joseph Paul	Pa.	Krivoy, William Aaron	Pa.
Krack, Robert Charles C.E. 1933, Richmond Polytechnic Institute	D.C.	B.S. 1948, Georgetown University M.S. 1949, The George Washington University	D.C.
Kraemer, Thaddeus Charles	Md.	Krizay, John	Pa.
Kraemer, William Ferdinand	Va.	Krofchik, Michael	D.C.
A.B. 1932, University of Delaware	Pa.	Krog, Virginia Alexander	Md.
Krafchik, Thomas Albert B.S. 1950, Pennsylvania State Teachers College	Pa.	Kroger, John Francis B.S. 1933, Catholic University of America	Va.
Kraft, Lester A.B. 1948, University of Maryland	Md.	Kroghs, Oswald Karl B.S. 1935, University of Minnesota	Ill.
Kraft, Maxwell Simon	Va.	Krol, Casimir Thaddeus A.B. 1947, St. John's College	Md.
Krakes, Gloria Boom	West Indies	Kroll, Henry August A.B. 1934, Carnegie Institute of Technology	D.C.
Krakes, Paul Joseph A.B. 1950, University of Pittsburgh	Pa.	Kroll, John Henry	Ohio
Kraskow, Morton Joseph A.B. 1950, The George Washington University	Va.	Kroner, Eleanore Rose	Ill.
Kraller, John Edward	Va.	Kroner, Lawrence Roy	N.Y.
Kramer, Carl Aaron	Md.	Kronstadt, Nathan	N.Y.
Kramer, Joshua	Va.	Kruceljak, Margaret E.	Va.
Kramer, Marvin Lewis	Md.	Krueger, Harold Matthew	N.Y.
Kramer, Morton David B.S. 1950, University of Maryland	Md.	Krueger, John Richard A.B. 1948, The George Washington University	Va.
Kramer, Norman Clifford B.S. 1945, The Citadel M.S. 1950, The George Washington University	N.Y.	Krueger, Mary Helen	Pa.
Kramer, Phyllis Marie B.S. 1946, Midland College	Nebr.	Kruger, Henry Louis	Va.
Kranarcy, Julia Helene	D.C.	Krumm, Robert Carl B.S. 1949, Colorado Agricultural and Mechanical College	D.C.
Kranzler, Theodore	N.J.	Kaanda, Charles Fernand B.S. 1941, University of Maryland	Pa.
Krasley, Paul Albert	Pa.	Kuba, Irene Margaret	Md.
Krasny, John Friedrich B.S. 1948, University of Denver	D.C.	Kubek, Anthony B.S. 1948, A.M. 1950, Georgetown University	Ill.
Kraus, Robert John	Va.	Kubota, Alfred Morinobu B.S. 1950, Georgetown University	D.C.
Krauskopf, Franz Karl Referendar 1950, University of Frankfurt	Germany	Kucharov, Alexander A.B. 1946, Wesleyan University A.M. 1948, Columbia University	D.C.
Kravetz, Herman	Md.	Kudatsky, Nathan A.B. 1950, The George Washington University	N.Y.
Kreek, Louis Francis, Jr. B.S. 1948, Massachusetts Institute of Technology	D.C.	Kudysch, Morton	D.C.
Krehbiel, Mary Lou A.B. 1946, A.M. 1950, The George Washington University	Ohio	Kuebler, Wolf	N.Y.
Kreider, Marlin Books	Pa.	Kuelling, Lois Millicent	Md.
Kremen, Jerome A.B. 1948, Johns Hopkins University	Md.	Kuh, Mimi	Mont.
Krentzin, Julie Anita	Md.	Kuhl, Arthur M. A.B. 1950, The George Washington University	Iowa
Kressley, Clement D. J.	Md.	Kuhl, Earl Henry	Va.
Krichelsky, Abe	D.C.	Kuhl, George Charles	N.J.
Krichelsky, Gertrude D.	D.C.	Kuitema, Frederick Henry B.S. 1950, Union College and University	D.C.
Krichmar, Robert Lawrence A.B. 1943, Boston University	Va.	Kuldell, Clarence Elliot	Va.
Kridakon, Poonswat	Siam	Kulick, Joseph A. B.S. 1940, Pennsylvania State Teachers College, Bloomsburg	Pa.
Kriemelmeyer, Harry, Jr.	D.C.	Kulish, Joseph Thomas	D.C.
Krikorian, Araxie Elizabeth	Md.	Kulish, Matthew William	D.C.
Krinalay, Daniel Bernard M.S. 1940, Brown University	N.Y.	Kull, Hale Margaret	
Krishnayya, Jaswant Ganugapati	India		



Kulla, A. Lincoln	D.C.	La Barron, Robert Milton	N.Y.
Kulp, John Wesley	D.C.	B.S. 1945, United States Naval Academy	
Kumbar, Albert Henry	D.C.	Lacey, Frank Marshall	Ky.
Kump, Jack Maurice	D.C.	Lacey, Henry Francis	D.C.
Kump, Mary Gamble	W.Va.	Lacey, Kenneth King	Md.
A.B. 1936, West Virginia University		Lacey, Maurice Winters	D.C.
Kunda, Walter	N.Y.	Lachman, Erwin John	D.C.
Kune, Bernard Jack	D.C.	B.S. 1947, University of Pennsylvania	
Kunkowski, Frank Andrew	Md.	Lackey, Edith Virginia	N.C.
Kunsak, Stephan William	Pa.	A.M. 1950, Appalachian State Teachers College	
A.B. 1942, The George Washington University		Lacombe, Charles Herbert	D.C.
Kuntz, Mary Louise	D.C.	Lacombe, Harold	D.C.
Kunz, George Emil	Fla.	Lacomis, Edward L.	Pa.
Kunz, George Theodore	D.C.	B.S. 1948, University of Scranton	
Kunze, Frieda Martha		La Corte, Cosimo Frank	Md.
B.S. 1939, University of Minnesota		B.S. 1949, New York State College for Teachers, Buffalo	
Kupiansky, Mannie	D.C.	La Coste, Yvonne	Md.
B.S. 1939, College of the City of New York		Lacovara, Nicholas John	N.J.
A.M. 1947, New York University		A.B. 1950, The George Washington University	
Kupperman, Morton	N.Y.	La Cova, Mary Anne	D.C.
B.S. 1938, College of the City of New York		Lacy, Milo Glen, Jr.	Va.
A.M. 1950, The George Washington University		B.S. 1938, University of Oregon	
Kuptsis, John Demosthenes	N.Y.	Lacz, Joseph Albert	N.J.
Kurkjian, Badrig Malcolm	D.C.	Ladd, Dennis W.	Va.
B.S. 1943, Massachusetts Institute of Technology		Ladisky, Bernice Edythe	D.C.
Kurland, Harriet	D.C.	Ladine, Harry	N.J.
Kurland, Lillian Pavis	Md.	Lafferty, Frances H.	Ind.
Kurland, Shirley June	Md.	Laffin, Edward John	Calif.
Kurna, Joseph Roy	Md.	Laffin, Mark William	D.C.
Kursch, Robert Francis	Mont.	LaFleur, Arlene M.	N.Y.
Kurth, James Albert	Va.	A.B. 1949, University of Buffalo	
Kurth, William Herman	Md.	LaFrance, Anna Egan	N.J.
A.B. 1941, University of Virginia		A.B. 1948, The George Washington University	
Kurtz, Frances Teller	Va.	Lagarde, William Joseph	Va.
Kurtz, Stanley Morton	D.C.	Lagather, Robert Bosco	Minn.
B.S. 1949, M.S. 1950, The George Washington University		Lagory, Richard Marlow	D.C.
Kurtz, William Louis	Va.	Laine, Hugh Carter	Va.
B.S. 1942, University of Maryland	Md.	Laine, Roland Oscar	Va.
Kushman, Hollis Kent		Lainof, Robert Ivan	Va.
Kushman, Howard Bert	Md.	B.S. 1939, University of North Carolina	
Kushimoto, Earl Hivashi	Ohio	L.I. B. 1950, The George Washington University	
Kutney, Francis George	Hawaii	Lajda, Bruno	D.C.
Kutz, Judith	Pa.	L.I. D. 1943, University of Czechoslovakia	
A.B. 1950, The George Washington University	D.C.	Lalce, Ruby Kathryn	British West Indies
Kuzio, Paul	Pa.	Lall, Edwina	D.C.
Kyle, Hugh Campbell, Jr.	D.C.	Lalush, Basil	Pa.
Kyllonen, Allen William	Pa.	B.F.E. 1949, Catholic University of America	
Kyne, Peter John	D.C.	LaManna, Richard John	D.C.
Kyzas, Christ William	Md.	LaMaster, Virginia Ann	Ill.
A.M. 1949, The George Washington University		Lamb, Dennis Virginia	Ga.
Kyzas, Peter William		Lamb, Norman Earl	D.C.
A.B. 1949, The George Washington University	Md.	B.M. 1941, College of Pacific of Mass.	
Kanda, Charles Fernand	D.C.	B.S. and M.S. 1947, Julliard School	
B.S. 1941, University of Maryland		Lambert, Francis Lincoln	D.C.
Kyne, Warren Edward	N.J.	B.S. 1942, The George Washington University	
Kyer, Walter Eugene	Ga.	Lambert, Henry Dee	D.C.
B.C.S. 1950, University of Georgia		Lambert, Lillian Merle	Va.
		B.S. 1934, Madison College	
		Lambert, Margaret Louise	Va.
		Lambert, Marie Helen	D.C.
		A.B. 1943, Haster College	
		A.M. 1945, Columbia University	

L

Labarre, Alelbert Matthew  
La Barron, Caroline Cundy

Mass.  
Va.



Lambert, Peter Baldwin	D.C.	Lang, Sue Nadel	Md.
Lambert, Robert Lyman	Md.	A.B. 1948, University of Penn-	
Lambert, Robert Warren	D.C.	sylvania	Canal Zone
A.B. 1942, DePauw University		Lang, William Adams	N.Y.
Lambert, Sam May	D.C.	Langdon, Arthur Hayward	
A.B. 1935, A.M. 1938, West Virginia		A.B. 1949, Union College and Uni-	
University		versity	
Lambright, Ethel Pauline	Miss.	A.M. 1950, Syracuse University	Va.
A.B. 1933, Mississippi College		Lange, Ruth Eleanor	
Lambros, Vasilios Simos	D.C.	B.S. 1949, Teachers College of Con-	
M.D. 1939, Georgetown University		necticut	Md.
Lamkin, Jo Stella	Md.	Langenbeck, Earl Henry	
Lamphear, Donald Edmond	Md.	B.S. in C.E. 1944, University of	
A.B. 1950, The George Washington		Missouri	D.C.
University		Langerman, Elaine Mildred	
Lampp, Clara Lee	Fla.	A.B. 1950, The George Washington	
Lancaster, Robert E., Jr.	Md.	University	
Lancette, Dolores Marie	Minn.	Langford, John Walter	Colo.
Lanckton, Myrtle Ann	D.C.	Lango, Alphonse James	Mass.
Land, Ernest Henry	Ill.	A.B. 1949, The George Washington	
A.B. 1950, Illinois College		University	N.Y.
Land, Paul Clark	Va.	Langr, George Edward	
B.S. in M.E. 1949, Alabama Poly-		A.B. 1948, Union College and Uni-	
technic Institute		versity	Md.
Landau, Sherman	D.C.	Lanier, Rita Manor	D.C.
B.S.S. 1948, College of the City of		Lankford, John Warren	Va.
New York		Lantz, Virginia Lee	D.C.
Landers, Mary Ann	D.C.	Lanza-Ballivián, Barbara Anne Simms	D.C.
Landers, William Lytle	Tenn.	Lanzer, E. Virginia	N.Y.
B.S. 1950, Middle Tennessee State		Lapin, Earl Michl	
College		A.B. 1950, The George Washington	Md.
Landes, George Hadley, Jr.	Va.	University	
B.S. 1950, Wilson Teachers College		LaPointe, Joseph Claude	D.C.
Landes, Melvin Bowman	Va.	B.S. 1949, University of Maine	
A.B. 1930, McPherson College		LaPorte, Clara Adeline	D.C.
Landing-Miranda, Jorge Luis	Puerto Rico	B.S. 1940, Columbia University	D.C.
A.B. 1949, Florida Southern College		Lappin, John Eldridge	D.C.
Landis, Harry Campbell	Md.	Laprade, Gertrude Cecelia	D.C.
Landis, Joseph Winey	D.C.	Laraque, Jacqueline	D.C.
Landis, Theodore F.	W.Va.	Laric, Ivan Gerald	Md.
Landolt, Raymond Eugene	Va.	A.B. 1940, Brown University	
Landsman, Helen Beth	Fla.	Larison, Oliver Kugler	
Landsman, Robert Samuel	Va.	A.B. 1949, The George Washington	D.C.
Lane, Elizabeth Mary	Va.	University	
Lane, Elizabeth Walker	D.C.	Larkin, Alfred Joseph	
Lane, Francis Edward	D.C.	B.S. 1927, Colgate University	
Lane, Jeremiah Michael	Md.	A.M. 1950, The George Washington	N.Y.
Lane, John McAllister	D.C.	University	D.C.
B.C.E. 1947, The George Washington		Larkin, Edward Robert	Va.
University		Larkin, Patrick Joseph	
Lane, Ralph Hoover	Ohio	Larkum, Allyn L.	Va.
A.B. 1930, Capital University		B.S. 1950, University of Virginia	Va.
A.M. 1932, Ohio State University		Larrick, Benjamin Franklin	D.C.
Ph.D. 1946, The George Washington		Larrick, Laura Cummings	Iowa
University		Larroc, Raymond G.	Miss.
Lane, Rosemary Jeannette	Md.	Larsen, Morris Alven	
Laner, Frances Josephine	Oreg.	Larson, Clair Merlin	Va.
Lanz, Edward Alexander	Fla.	A.B. 1948, Luther College	Utah
B.S. 1941, University of Florida		Larson, Helen Louise	Mont.
LL.B. 1950, The George Washington		Larson, Milton Arvid	
University		Larson, Robert LeRoy	
Lanz, Ezra Johanan	Md.	A.B. 1949, Montana State University	Ill.
B.S. in E.E. 1948, University of		Larson, Sally V.	Ind.
Pennsylvania		Larson, Walter Julius	Calif.
Lang, John Carl	S.D.	Larson, Wilbur Wendell	D.C.
A.B. 1916, North Dakota State Teach-		LaRue, Mary Strickler	D.C.
ers College, Valley City		LaRue, Mary Virginia	Hawaii
A.M. 1949, The George Washington		LaRue, Robert Emmett	D.C.
University		Lasell, Helen Elizabeth	N.Y.
A.M. 1949, Northwestern University		Lasham, William Richard, Jr.	
Lang, John Christian	Ill.	Lasher, Clinton	

Lasher, Jay Donald B.S. 1949, University of Pittsburgh	Pa.	Layne, Ennis Cecil B.S. 1950, The George Washington University	Va.
Latchford, Paul Spalding	Md.	Layne, Jack Martin	D.C.
Latham, Royce	D.C.	Layton, Cleo Franklin	Pa.
Latham, Leslie Wade A.B. 1947, Miami University	Va.	Lazowski, Jennie Helen	Mass.
Latimer, Elizabeth Ramsey A.M. 1949, University of Cincinnati	D.C.	Leabhart, John William, Jr.	Pa.
Latino, Jennie Mary A.B. 1951, The George Washington University	Mass.	Leach, Arthur Russell	Va.
Latorre, Vincent Thomas	N.Y.	Leach, Daniel Joshua B.S.F. 1948, University of Minnesota	Minn.
Latta, Maurine Woods A.B. 1943, Queens College	Va.	Leach, Frank Clay, Jr. M.F. 1946, Yale University	Ky.
Latz, Marian Evelyn A.B. 1943, University of Rochester	N.Y.	Leach, John Monroe B.S. in M.E. 1949, University of Kentucky	Nev.
La, José Felipe	Nicaragua	Leader, John Louis	D.C.
La Beross, Marvin	N.Y.	B.S. 1940, Canisius College	
Laubinger, Frank Herbert	Md.	LL.B. 1940, Georgetown University	
Laubler, Lawrence Edwin	D.C.	Leahy, Jean Marie	D.C.
Lauder, Robert Bruce, Jr.	N.Y.	Leahy, William Vincent Crahan A.B. 1944, University of Pennsylvania	Vt.
Laufer, Claire Lucille	D.C.	A.M. 1950, The George Washington University	
Laufer, E. Erica	D.C.	Leal, António Costa	Portugal
Laufer, Joseph	Va.	Leapley, William Trudgeon B.S. 1942, Western Michigan College of Education	D.C.
LL.B. 1940, Duke University	D.C.	Lear, James Richard	D.C.
Laughery, Elsie Florence	Va.	Lear, Jeanne Eleanor	D.C.
Laughlin, Charles Russell, Jr.	Kans.	A.B. 1947, American University	
Laughlin, John Gregory	N.Y.	Lear, Mary Eileen	D.C.
Laughlin, Richard Thomas B.S. in Ch.E. 1949, University of Notre Dame	Tenn.	Lear, Rita Ann	Colo.
Laughmiller, Ray William, Jr. A.B. 1947, Maryville College	Colo.	Learman, John Frank B.S. in M.E. 1949, University of Michigan	Mich.
Laurence, Arlene Hart	Pa.	Learman, Patricia Lattimer A.B. 1946, West Virginia University	D.C.
Laurence, Alma White College	Calif.	Leary, Dalton Edward	Md.
Laure, Edwin Anthony	Calif.	Leary, Jean Fountain	Calif.
Laure, Charles Theodore	N.Y.	A.B. 1948, Duke University	Mass.
LaVie, Louise Clark	Md.	Leary, John Patrick	Md.
LaVigne, Donald Rudolph	D.C.	Leary, John Sylvester, Jr. B.S. 1947, The Citadel	D.C.
LaVine, Estelle A.B. 1943, The George Washington University	D.C.	Leary, Patrick James A.B. 1948, Municipal University of Omaha	
Law, Anna Mae	Va.	Leatherwood, Howard Garrett, Jr.	Va.
Law, Linda Lou	D.C.	Leavitt, George Albert, Jr.	N.Y.
Law, Susan Byrdella	D.C.	Leavitt, Raymond Homer B.S. 1921, United States Naval Academy	D.C.
Lawless, William Josselyn, Jr.	D.C.	LeBlanc, Joseph Lenol	Ia.
Lawlor, Henry William	Va.	Lebowitz, Anne	Md.
Lawrence, Derek Peter B.M.E. 1948, Clarkson College of Technology	D.C.	Lebowitz, Marilyn Sylvan	D.C.
Lawrence, Dorothy Dunean B.S. 1940, George Peabody College for Teachers	Tenn.	Lebrecht, Richard A.B. 1950, The George Washington University	N.Y.
Lawrence, Edmund Wallace	D.C.	Lechner, Nanda Marjorie	S.D.
Lawrence, Frank Edward	D.C.	Lecky, Robert Sterling	D.C.
Lawrence, Lester Albright	Va.	Leclair, Joseph Roland	Maine
Lawrence, Malcolm A.B. 1948, The George Washington University	Md.	B.S. 1948, University of Maine	
Lawrence, Robert Prentice	Conn.	Ledbetter, Archibald Clarence	Md.
Lawson, Alfred Brett, Jr.	Conn.	Ledbetter, Julia Elizabeth	Miss.
Lawson, Alice Joyce	N.Y.	A.B. 1944, The George Washington University	
Lawson, Corinne Johnson	Va.	Lederer, Ruth Klein Ph.D. 1936, University of Iowa	Md.
Lawson, Howard Bieger A.B. 1950, The George Washington University	Va.	Ledesma, Consuelo Pablo	Philippines
Lawson, Ruth	N.C.	B.S. 1948, University of Philippines	
Laybourne, Wesley Lee		Le Duc, Philip Sheridan, Jr.	Mass.
Laye, Reginald Laxon			

Lee, Alan Spenser B.S. 1943, United States Naval Academy	Md.	Leigh, Mildred Maitland B.S. 1931, College of William and Mary	Va.
Lee, Anne Wright	Va.	Leigh-Hunt, Alexandra Marie-Mélanie	N.Y.
Lee, Chien-San A.B. 1940, National University of Peking, China	D.C.	Leighton, Virginia Cecil	N.J.
Lee, Dorothy	D.C.	Leikari, Kenneth Arvi	Conn.
Lee, Enid Yuk Lin B.Ed. 1948, University of Hawaii	D.C.	Leikari, Vilho Raikas	Md.
Lee, Frederick Nelson B.S. 1946, Brown University	Va.	Leimbach, Dorothy Gadbois	D.C.
Lee, Harry Alexander A.B. 1938, Furman University	Va.	Leimberger, Frederick William, Jr.	Utah
Lee, Hei Kit	China	Leina, Charles Olaf	
Lee, Helen	D.C.	Leishman, Merlin Ricks B.S. 1939, Utah State Agricultural College	Va.
Lee, John Brady	Va.	Leisner, Herbert William	Va.
Lee, John Franklin A.B. 1950, Brigham Young University	Utah	Leith, Carroll Irvin, Jr. B.S. 1938, Virginia Polytechnic Institute	Va.
Lee, Julia McEachin A.B. 1940, Oglethorpe University	D.C.	Leith, Theodric Hunton B.S. 1940, University of Maryland	Md.
A.M. 1945, The George Washington University		Leitzel, John Frederick B.S. 1950, University of Maryland	Md.
Lee, LeRoy Lindwood A.B. 1948, The George Washington University	Md.	Lelevich, Joseph John B.S. 1941, Pennsylvania State College	Ind.
Lee, Lily Kwei Keui B.S. 1949, The George Washington University	D.C.	Lelihert, Robert Henry	N.Y.
Lee, Lloyd Wilson	D.C.	LeMay, Mary Elizabeth	Calif.
Lee, Lois	Ga.	Lembeck, Leonard Anthony B.S. 1942, Northwestern University	Mich.
Lee, Murray Kent	Va.	Lemon, Edythe Jewel	Md.
Lee, Newman Smoot, Jr. A.B. 1950, University of Maryland	Md.	Lemons, Francis Theodore	Pa.
Lee, Newton Hunt, Jr.	Va.	Lemons, Milton Samuel	
Lee, Randolph Wilbur A.B. 1947, University of Colorado	S.D.	Lemoon, Ralph George B.S. 1933, University of Pittsburgh	D.C.
Lee, Raymond B.S. 1948, Pennsylvania State College	N.Y.	Lennick, Pearl Marie	D.C.
Lee, Shui Lam	D.C.	Lenarduzzi, David Rino A.B. 1948, The George Washington University	Va.
Lee, Virginia Constance	N.H.	Lendenmann, Ernest Charles, Jr.	Pa.
Lee, William M.	D.C.	Leusel, Jonathan H. B.S. 1948, Philadelphia College of Pharmacy and Science	D.C.
Leech, Charles Gertrude	D.C.	Lennox, Mary	Pa.
Leach, Wade Rayby	D.C.	Lenties, Guenter Paul B.S. in F.E. 1949, University of Pennsylvania	N.J.
Leenhouts, H.G. Douglas B.S. 1950, Cornell University	Va.	Lentz, Marjorie Arathe	Va.
Leese, Bernard McKenzie	Md.	Leon, Grace Veronica	
Leese, Marilyn Louise	D.C.	Leonard, Eugene Anthony A.B. 1950, The George Washington University	Md.
LeFevre, Jean Elting A.B. 1947, A.M. 1949, The George Washington University	D.C.	Leonard, Frederic Adams B.S. 1943, M.S. 1948, University of Maine	Pa.
Leffingwell, Anne M.	Md.	Leonard, Joseph William	Pa.
Leffingwell, Thomas Cullen	Pa.	Leonard, Norma Thelma	D.C.
Leikowitz, Saul B.S. 1947, College of the City of New York	N.Y.	Leonard, Orel Klein A.B. 1949, The George Washington University	Colombia
Leftwich, Frances Walton	D.C.	Leonczak, Consuelo	D.C.
Leightner, Yves Andre	Va.	Lephew, Patricia Mellon	Mich.
Leisner, Howard Isadore A.B. 1943, Harvard University	Va.	Lesnak, Betty Ann	R.I.
Lelew, Clarence William, Jr.	Va.	Lerene, Ethel Ph.B. 1928, Brown University	D.C.
Lehnert, Mildred Boynton	Va.	Lerosche, Louis Paul	D.C.
Lehnert, Robert Conrad	N.Y.	Lerner, Esther B.	D.C.
Lei, Chih Tseng B.L. 1949, National Peking University, China	China	Lerner, Lawrence Eli	Md.
Leibbrandt, Robert Clinton	Kans.	Lerner, Nathan Harold	D.C.
Leibo, Frederick	Conn.	LeSage, Roland Joseph	N.C.
Leisner, Jerome Raymond	N.J.	Leslie, Alfred W.	Ind.
Leigh, Edward Monroe A.B. 1940, Hampden-Sydney College	Va.	Leslie, Charles Walton	Va.
LL.B. 1947, University of Virginia		Leslie, John William	
		Lesniak, William Walter	



Students Registered

491

Lesser, Robert George			
Lessuk, Gerald H.			
Lester, Edwin			
B.E.E. 1949, Rensselaer Polytechnic Institute	Mass.	Levintow, Pearl Slutz	Md.
Leung, George Buck	N.Y.	A.B. 1944, A.M. 1947, University of Pennsylvania	
Leuthardt, Florence Madeleine	D.C.	LeVitt, Morris Leroy	Wash.
A.B. 1942, Trinity College	N.Y.	B.S. in E.E. 1926, University of Washington	
LeValley, Victor Ritzendollar, Jr.		Leviton, Daniel	D.C.
LeVan, Carl Emil	N.J.	Leviton, Edith S.	Va.
A.B. 1943, Franklin and Marshall College	Pa.	A.B. 1949, The George Washington University	
Levene, Ethel		Levitsky, Leon Robert	Pa.
Ph.B. 1928, Brown University	R.I.	B.S. 1951, Muhlenberg College	
Leverett, Joyce Spalding		Levocek, Carl Andrew	Pa.
A.B. 1949, Transylvania College	Va.	B.S. 1949, Waynesburg College	
Levering, Elizabeth Burton		Levy, Charles Kingslev	D.C.
Levesque, Reynolds Maurice	Va.	B.S. 1948, The George Washington University	
Levett, Hanna	Maine	Levy, Charles William	Va.
Levich, Calman	Ill.	Levy, George	Mass.
B.S. 1940, Morningside College	Iowa	A.B. 1949, The George Washington University	
Levillain, Wayne Dewitt	D.C.	Levy, Harry	N.J.
Levin, Charlotte Ruth	D.C.	B.S. in M.E. 1933, Cooper Union	
A.B. 1949, University of Illinois	Ill.	B.M.E. 1936, New York University	
Levin, Isaac		M.S. 1946, Stevens Institute of Technology	
Levin, Mark	N.Y.	Levy, Lois Werbher	Md.
B.S. 1948, Princeton University	Ill.	A.B. 1948, Radcliffe College	
Levin, Neal Theodore	D.C.	Levy, Micheline	D.C.
B.S. 1950, University of Virginia		Levy, Priscilla	N.Y.
Levin, Philip		A.B. 1948, Hunter College	
Levin, Philip Paul	Md.	Levy, Robert Ades	Va.
Levin, Sidney	D.C.	B.S. 1950, University of Virginia	
Levine, Alfred Bernard	D.C.	Lew, Jew Chuck	D.C.
B.S. in E.E. 1946, Cornell University	N.Y.	Lewallen, Iris Battle	Md.
M.E.E. 1949, Rensselaer Polytechnic Institute		A.B. 1923, John B. Stetson University	
Levine, Arnold Emanuel	D.C.	Lewenberg, Ilse	D.C.
Levine, Daniel Bernard	D.C.	Lewis, Alan Mead	Va.
A.B. 1947, The George Washington University		Lewis, Alan Pomeroy	D.C.
A.M. 1948, Columbia University		Lewis, Alfred Leslie	Va.
Levine, Deena Ostrolenk		Lewis, Arnold Charles	N.Y.
B.S. 1947, Adelphi College	N.Y.	B.S. 1947, College of the City of New York	
Levine, Grace Flax	N.Y.	Lewis, Cynthia Bird	D.C.
B.S. 1947, Brooklyn College	D.C.	Lewis, David George	D.C.
Levine, Irving		Lewis, Edward Jr.	D.C.
Levine, Irving Seth		Lewis, Edward Francis	Va.
B.S. 1940, M.S. 1941, Massachusetts Institute of Technology	Md.	Lewis, Eldon Earl	Md.
Levine, Isadora	N.Y.	Lewis, Frank Christopher	Pa.
Levine, Marvin		Lewis, George Allan	Pa.
Levine, Samuel	N.J.	A.B. 1950, Wilkes College	
A.B. 1946, Brooklyn College	D.C.	Lewis, Glenn Paul	Ohio
Levine, Saul	N.Y.	Lewis, Harvey Daniel	Va.
Levinson, Eugenia Huntley		A.B. 1924, Wofford College	
Levinson, Arnold Seymour	D.C.	A.M. 1938, University of South Carolina	
Levinson, Gladys	Va.	Lewis, Jack Collins	Md.
Levinson, Irving	Va.	Lewis, John Stephen	Ill.
B.S. 1940, Central Y.M.C.A. College, Chicago	D.C.	B.S. 1942, United States Naval Academy	
Levinson, Lawrence Stanley		Lewis, John Wallace	Va.
B.S. 1948, Rutgers University	N.Y.	Lewis, John Warren	D.C.
A.M. 1949, Columbia University		A.B. 1948, The George Washington University	
Levinson, Raymond Harold		Lewis, Katherine Lucille	N.C.
A.B. 1948, The George Washington University	Va.	Lewis, Lunsford Harland	D.C.
Levinson, Simon Wolfe		Lewis, Maurice S.	D.C.
B.S. in Eng. 1922, University of Pennsylvania	D.C.	Lewis, Raymond Winslow	D.C.
		A.B. 1935, Cornell University	
		Lewis, Robert Baughman	D.C.
		A.B. 1941, University of Western Ontario	

Lewis, Robert Oscar	Va.	Lilley, Horace Clinton	Pa.
B.S. 1947, George Pepperdine College		Lilliefors, Hubert Whitman	Ohio
Lewis, Virginia Emerson	Tenn.	Lima, Joseph	Md.
A.B. 1935, Washington University		B.S. 1950, American University	Va.
LL.B. 1941, The George Washington University		Lind, Dorothea M.	Md.
Lewis, William Hubert	Va.	A.B. 1930, Mount Holyoke College	D.C.
A.B. 1951, The George Washington University		Lind, Vincent Eugene	Md.
Leysen, Webster Chadwick	Md.	Lind, William Edmund	Md.
L'Hommedieu, Samuel Joseph, Jr.	D.C.	Lindall, Albin Lothard, Jr.	Va.
B.S. 1949, University of Maryland		Lindberg, Carl Donald	
Li, Louise Elizabeth	Va.	Linde, Helen Tucker	Tex.
Liang, Edward Yin	D.C.	A.B. 1946, University of California	N.Y.
Libbee, Max Scott	Mo.	Linden, Betty Ann Billingsley	Va.
Libby, John C. K.	D.C.	Linden, Robert Joseph	
A.B. 1945, Haverford College		Lindley, Clyde J.	N.Y.
Libby, Patricia Joan	Calif.	A.B. 1937, University of Missouri	N.Y.
Liberty, Cyril Jean	D.C.	A.M. 1938, University of Iowa	D.C.
A.B. 1950, The George Washington University		Lindner, John Hans	N.D.
Libman, Shirley Sarah	D.C.	Lindner, Thaddeus Alphonse	Iowa
B.S. 1948, Massachusetts State Teachers College, Worcester		Lindow, Eva Thompson	Va.
Libunovsky, Alex Robert	D.C.	Lindsay, Douglas Edward	Ohio
Libus, Leon	D.C.	Lindseth, Clinton Oliver	Md.
Lichtenstein, Lucille G.	Mass.	Lindsey, Dale Eugene	Mass.
Licht, Marion Cox	Iowa	Lindsey, Rosamond O'Neil	
Lidell, Robert Lee	Va.	Lindsey, Ruth Elizabeth	
Licht, Michael	N.Y.	B.S. 1948, East Central State College	
Lidky, Martin David		Linebarger, Margaret Snow	
B.S. 1947, The George Washington University		Linehan, Daniel William	Md.
Lieb, Henry Joseph	Pa.	A.B. 1949, The George Washington University	China
Lieber, Simeon Kaufman	Va.	Linfeld, Robert Frederick	
Lieblein, Julius	D.C.	Ling, Seward	
B.S. 1945, College of the City of New York		A.B. 1944, Chung Cheng University, China	Pa.
A.M. 1943, Brooklyn College		A.B. 1950, Lynchburg College	Va.
Lieder, Nathan	D.C.	Lingenfelter, Ivan Glenn	Va.
A.B. 1944, College of the City of New York		Linsley, Mary Jo	D.C.
Lief, Donald Wolfe	D.C.	Linhart, Joseph Wayland	Va.
Lien, John Pershing	N.D.	Linhof, Eric	N.J.
Liepina, Rita Gendera	Md.	A.B. 1949, University of Rochester	
Liesener, Victor Frank	Wis.	Link, Robert O.	
Lifshatz, David	D.C.	Link, Robert Wendell	Pa.
Licht, E. Jerry	Pa.	A.B. 1950, The George Washington University	D.C.
B.S. in E.E. 1946, Columbia University		Lipkev, James Roy	
Lightner, Celia Edith	D.C.	Lipovsky, Frank Joseph	
Likely, Gwendolyn Dale	Md.	Lippitt, Gordon Leslie	
B.S. 1944, University of Maryland		B.S. 1942, Springfield College	
Likens, Martha Grace	Md.	B.D. 1946, Yale Divinity School	
A.B. 1949, University of Maryland		A.M. 1947, University of Nebraska	D.C.
Lilien, Charles Ernest	Ill.	Lippitt, Raymond Franklin	
A.B. 1950, The George Washington University		B.M.E. 1949, The George Washington University	D.C.
Lilienkamp, Virginia Ruth	D.C.	Lippitt, Thomas Perry	Md.
Lilja, Donald Gunnar	D.C.	Lipps, Fredks Deborah	N.J.
Liljelund, Aili Matilda	Finland	Lippy, June Elgen	
Liljelund, Ralph Johan Herman	Finland	A.B. 1942, Western Maryland College	
M.S. 1946, Commercial University of Finland		Lipsky, Harold	R.I.
M.S. in M.E. 1950, Purdue University		A.B. 1947, New York University	D.C.
Liljenquist, L. Blaine	Idaho	Lipsky, John Joseph	Md.
B.S. 1938, University of Idaho		Lipton, Robert B.	N.Y.
Lillard, Joseph Edgar	D.C.	Liska, Ellen Lydia	Va.
Lillard, Kathleen Flester	Va.	Liska, Olga Mary	D.C.
A.B. 1948, The George Washington University		Lisner, Leonard Peter	Ohio
Liller, Carl Raymond	Va.	Lissonbee, Bird Eugene	
		Lisowski, Virginia Mary	
		Liss, Emanuel Herbert	Netherlands
		B.S. 1949, Ohio State University	D.C.
		Lissauer, Nanette Elizabeth	
		LL.B. 1944, LL.M. 1938, University of Leyden	
		List, Lewis Aloysius	

# Students Registered

493

Litke, Arthur Ludwig B.S. 1944, Trinity College M.B.A. 1947, University of Pennsylvania	Conn.	Long, Melvin Eugene Long, Nancy Catherine Long, Orin A.B. 1941, University of Chicago Long, Paul Robert A.B. 1949, The George Washington University	Pa. Md. Ill. Pa.
Litsky, Louis Littell, Ralph Earl Little, Arthur Franklin Little, Eleanor Gieser A.B. 1949, Vassar College	Va. Md. Md. Pa.	Long, Richard Ward Long, Thomas Edward Long, Virginia Carlton Long, Virginia Rice A.B. 1947, University of Southern California	Va. Va. Va. Va.
Little, Mary Lou Little, Robert Paul Littlejohn, William Fowler, Jr. A.B. 1950, Brown University	Md. D.C. Va.	Long, William Francis Edward A.B. 1946, A.M. 1947, The George Washington University	D.C.
Litz, Francis Joseph, Jr. Livingston, Charles Richard Livingston, Gordon Kendal Ludus, Anthony	D.C. Va. N.Y.	Longen, Edmund Herman Longen, Francis John Longfellow, Don Woodward A.B. 1950, The George Washington University	S.D. S.D. D.C.
Lloyd, Albert Lawrence, Jr. Lloyd, Benjamin Joseph, Jr. Lloyd, Bolivar J., Jr. B.S. 1949, Agricultural and Mechanical College of Texas	Pa. Va. Md. D.C.	Longfellow, Edwin Connor A.B. 1949, The George Washington University	N.J.
Lloyd, Donald Geddes Lloyd, Oscar Woodrow Lloyd, William James A.B. 1949, University of Maryland	D.C. Va. D.C.	Longstreet, Archie P. Longworth, Jack Herbert Loomis, Gloria Gay Loomis, James Richard Loomis, Wilhelmina Loreta Tortike Loomis, Armin Barbour B.S. 1948, Columbia University	N.J. Va. N.Y. Mich. Md. Va.
Lloyd, Jerry Lloyd, Janet Kasdon Lloyd, Junior Lewis Lloyd, Linda Jane Lloyd, Betty Jane Lockhart, Donald Wallace Lockhart, Elizabeth Berkeley A.B. 1947, College of William and Mary	Md. D.C. D.C. Md. D.C. Mich. Pa. Va.	Loose, Winfield Warren Lopes, James Lopez, Manlio Maldonado Lopez, Maria M. Lopez, Valentin Diaz Lofgren, Helen Marguerite Maxwell Lord, John Beardsman Lord, Lois Carolyn A.B. 1947, The George Washington University	N.J. Va. N.Y. Mich. Md. Va. Pa. D.C. D.C. D.C. Md. D.C. Md.
Loeb, Vonnelle Boran A.B. 1949, The George Washington University	Md.	A.M. 1947, Syracuse University	Mass.
Loeb, Paul A. Loeb, Marion L. Loeb, Mildred May Loeb, Joseph Loeb, Joseph Albert Loeb, Hank David B.S. 1944, Carnegie Institute of Technology	D.C. D.C. D.C. Md. D.C. D.C.	Loren, Elizabeth C. Lorenz, James Edward Lorenz, Robert Jay B.S. in E.E. 1944, Iowa State College Lorey, George Dewey Lozano, Ralph Richard Loche, Harold Homer A.B. 1945, Hanover College Lott, Allen M. A.B. 1943, M.F. 1944, Syracuse Uni- versity	Ark. Va. D.C. Pa. Ind. Va.
Loeb, Thomas Alexander A.B. 1949, The George Washington University	Md.	Lott, Fred Eli A.B. 1947, A.M. 1948, Syracuse University	N.Y.
Loeb, Richard Herbert Loeb, Arthur Edward Loeb, Barry Ann Loeb, Leonard Luther, Jr. B.S. 1947, Virginia Military Institute Loeb, Stanley Thomas Loeb, Louis James Loeb, Arthur Loeb, John Monte A.B. 1941, Harvard University	D.C. Pa. D.C. Va. D.C. N.Y. N.Y.	Loeb, Margaret Agnew Loeb, Thomas Eskin Loeb, Mary S. Loeb, John Harry Joseph Loeb, Ellen Evelyn Loeb, Ralph Evelyn Loeb, Ester Marie Katherine A.B. 1947, A.M. 1948, University of Wisconsin	D.C. Va. D.C. Va. Va. Va.
Loeb, John Monte A.B. 1941, Harvard University Loeb, Ann Yates B.S. 1948, Wilson Teachers College A.B. 1948, Ohio State University	Conn. Md.	Loeb, Leonard Levy A.B. 1947, Miami University Loeb, Alvin Lincoln A.B. 1948, Ursinus College A.M. 1948, Columbia University	Ohio Pa.
Loeb, Billie Kay Loeb, Charles W., Jr. Loeb, Don Ronald Loeb, Doreen Carol Loeb, Don Whitney Loeb, John Martin B.S. 1947, Pennsylvania State Teach- ers College, Lock Haven	D.C. Fla. D.C. Okla. Ill. Pa.	Love, Dan Knapp Love, James William	Md. Pa.



Love, James William	D.C.	Lukens, Frederick	Idaho
B.A.E. 1950, Catholic University of America		A.B. 1947, University of Idaho	D.C.
Lovell, Guy Wilmer	D.C.	Luley, Charles Edward	N.Y.
Lovewell, Joan Louise	Va.	Lulkoski, Winifred Adele	
Low, Robert Allen	N.Y.	A.B. 1945, New York State College for Teachers, Albany	D.C.
A.B. 1941, Stanford University		Lum, David Walker	
Lowe, Eugene Walper	Va.	B.S. 1950, The George Washington University	N.Y.
Lowe, Franklin Gerald	D.C.	Lum, Edwin Chung	Va.
Lowe, J. William	W.Va.	Lum, Ronald St. Alban	Pa.
Lowe, Joseph Burk	Va.	Lund, John Freeman	N.Y.
B.S. 1940, Southeast Missouri State College		Lund, Theodore J.	
Ed.M. 1947, University of Missouri	Wash.	B.M.E. 1948, College of the City of New York	Va.
Lowe, Norma Jeannette	D.C.	Lund, Walter V.	R.I.
Lowenthal, Emil	D.C.	Lundgren, Eugene Albert	Wash.
Lowenthal, Herman	D.C.	Lundgren, Henry Willard	Fla.
Lowery, Thomas Cumillus	D.C.	Lundry, Lorelli Elaine	Md.
Lowman, David Daniel	Wash.	Lundquist, George Arthur	
A.B. 1949, Stanford University	Va.	B.S. 1948, University of Maryland	D.C.
Lowman, Eleanor Sather		Lundy, Julian Percy	
A.B. 1940, Stanford University	Md.	A.B. 1949, The George Washington University	Va.
Lowman, Harriette Gordon		Lunings, Alfred Onno	Tex.
A.B. 1942, Sweet Briar College	Va.	Lunsford, John Crawford	Idaho
Lowman, Lucy Jane		Luntay, Robert Sloan	
B.S. 1944, Radford College	D.C.	B.S. 1948, University of Nebraska	Tenn.
Lowrey, Joe Jarman		Lush, Roberta Cregier	
B.S. 1910, Mississippi College		A.B. 1950, The George Washington University	D.C.
A.M. 1922, George Peabody College for Teachers	Wash.	Lusk, Harold Frederic	D.C.
Lowrey, Robert Laurence	D.C.	Lusted, Marie Annette	Mo.
Lowrie, Frances		Luther, Elmer Eugene	
Ph.D. 1928, University of Vienna	Pa.	A.B. 1949, The George Washington University	D.C.
Lowry, William Albert	Calif.	Lutz, Marie Terese	D.C.
Loy, John Irving		Lyda, James Claudett Honeycutt	
A.B. 1942, University of California	D.C.	A.B. 1948, The George Washington University	D.C.
Loyd, Ray Dean	Va.	Lyddane, Mary Elizabeth	
Loyk, Victor	D.C.	B.S. 1933, Columbia University	
Lozada, Zeny Zapanta	Vt.	A.B. 1950, The George Washington University	Min.
Lozon, Lydia Elizabeth	Pa.	Lyle, Robert Eugene	
Lubczyk, Johanna	D.C.	A.B. 1950, The George Washington University	Md.
Lubin, Bernard	Md.	Lynch, Charles Theodore	D.C.
Lubin, Joseph Meyers		Lynch, Gerald Ross	D.C.
A.B. 1948, The George Washington University	D.C.	Lynch, John Joseph	Md.
Lucas, Bertha Lovell		Lynch, John Maurics	Va.
A.B. 1923, The George Washington University	Pa.	Lynch, John William	N.Y.
Lucas, Joseph John	Mo.	Lynch, Margaret Stevenson	D.C.
Lucas, Mary Lois	D.C.	A.B. 1950, Smith College	
Lucas, Mildred Foster		Lynch, Marion Paul	
A.B. 1948, The George Washington University	N.J.	A.B. 1950, The George Washington University	D.C.
Lucas, Saul Myron	Va.	Lynch, Mary Margaret	
Lucht, James Eugene	Minn.	A.B. in L.S. 1934, The George Washington University	Md.
Lucia, Angela A. M.	Ohio	Lynch, Roger William	D.C.
Lucian, John Paul	Va.	Lynch, Susan Margaret	
Luck, William Bryant		A.B. 1948, Colby College	Va.
A.B. 1948, University of Richmond	N.C.	Lynch, William Walker	Va.
Lucke, Robert Charles	Pa.	Lynn, Evelyn Irons	D.C.
A.B. 1948, Catawba College	Va.	Lynn, Leland Augustus	Va.
Lucyk, Florence Regina	N.J.	Lynna, Helm	
Ludlow, Rowena Dyer		Lyon, Theeta Searcy	
Ludwig, Helen		B.S. 1922, University of Missouri	Va.
A.B. 1948, The George Washington University	Va.	A.M. 1924, Columbia University	D.C.
Luedeman, Hazel McClure	D.C.	Lyons, Jane Elizabeth	
A.B. 1926, University of Kansas	Va.	Lyons, James Francis	
Luers, Mildred May	Ga.		
Luhnanen, Andrew Aatos			
Luke, Reid Stephen			

## 495

[illegible]

Mahoney, Helen S. A.B. 1916, University of North Dakota	Md.	Mandelberg, Joseph B.S. 1947, College of the City of New York	N.Y.
Mahrholz, Fritz	N.J.	Mandes, Thomas John	D.C.
Maida, Saverio Michael B.S. 1941, Long Island University	Md.	Mandria, Theodore Louis B.E.E. 1944, Catholic University of America	Md.
Maida, Stewart Anthony	Md.	Mandrovsky, Boris Nicholas	N.Y.
Maiers, John Sigmond	D.C.	B.S. 1940, College of the City of New York	D.C.
Mairs, Margaret Anne Bushby A.B. 1944, Wellesley College	N.Y.	Manegold, Mary R. A.B. 1948, Vassar College	N.Y.
Maisch, Ormand Russell	Tex.	Manfredi, Dominick James	D.C.
Maisel, Georg Seymore A.B. 1949, Bucknell University	Pa.	Mangione, Bette Joan A.B. 1947, New Jersey State Teachers College, Montclair	N.Y.
Maitland, Florence A.M. 1927, The George Washington University	Va.	Mangold, Edward Andrew Ph.G. 1934, Philadelphia College of Pharmacy and Science	Md.
Maiuri, Frank Paul	N.J.	Mangold, Robert John	N.Y.
Maki, Walfred Victor	Minn.	Mangum, Joan Alicia	D.C.
Makin, Lloyd John	D.C.	Mangum, Mary Coe	Tex.
Mako, Joseph Michael	D.C.	Mangum, Mary Inez	D.C.
Makony, Ethel A.	Ill.	Mangun, John Warren	D.C.
Malaier, Elbert Hubbard	Ga.	Manian, Joan Martha	Pa.
Malasic, Bernice	D.C.	Manias, George Emmanuel	D.C.
Malask, Howard Stanley	Va.	Maniates, George Pete, Jr.	Md.
Malboeuf, Alfred Charles A.B. 1943, University of California	Calif.	Maniatis, Ileana Chrysanthe	Md.
Maldonado, Elias, Jr. A.B. 1944, University of Puerto Rico	Puerto Rico	Mankin, Arthur Kenneth	Pa.
Malce, Edward Lee B.S. 1936, University of Illinois	Md.	Manko, William Myron A.B. 1943, Bucknell University	D.C.
Malenbaum, Josephine Orenstein	D.C.	Mankovs, Irene Marta	N.C.
A.B. 1943, Boston University	D.C.	Manly, Paul Wellington	Md.
Maletz, Frederick John	Va.	Mann, Betty Lou B.S. 1950, The George Washington University	Md.
Maley, Donald Jennings	D.C.	Mann, Charles Kenneth B.S. in Eng. 1950, The George Washington University	N.C.
Malik, John August	Pa.	Mann, Clyde Robinson B.S. 1947, East Carolina Teachers College	Ill.
Malinchak, Nicholas A.B. 1949, University of Pittsburgh	D.C.	Mann, David Philip A.B. 1948, University of Miami	Va.
Maliniak, Lennart	D.C.	Mann, Eva Myrtle B.E. 1939, Asheville Normal and Teachers College	N.C.
Malison, Robert	N.Y.	Mann, Leah Frances	Va.
Malitsky, Irving	D.C.	Mann, William Jesse	Colo.
Malkin, Jack	D.C.	Manning, Louis M.	Ill.
Malkin, Warren Preston	D.C.	Mano, Kyuma	D.C.
Mallard, Claude O'Neal	D.C.	Manolatos, Alice Hope	N.J.
Mallgrave, William John	Pa.	Manolatos, Spiro George	D.C.
Malligo, John Edward A.B. 1950, Catholic University of America	D.C.	Manos, Nicholas Emmanuel A.B. 1938, A.M. 1942, University of California	Va.
Mallios, Dimitri Peter	D.C.	Manser, Donald Ellsworth	D.C.
Malloy, Raymond James	Ala.	Mansfield, Brook Stockman B.S. 1949, United States Naval Academy	Va.
Malloy, Wilda Blount	N.D.	Mansur, Elbert Clement	Ohio
Malloy, William James	D.C.	Manthev, Richard Gledhill B.S. 1948, Western Reserve University	Niagara Falls
Malmat, Harold	Md.	Mantica, Clemente José	W.Va.
Malone, Ralph Whatley A.B. 1951, The George Washington University	Va.	Mantle, Mary Lou Swift A.B. 1935, University of North Carolina	
Malone, William Grady B.S. 1941, Louisiana State University	D.C.	Manuel, James Ernest A.B. 1948, Shepherd College	
Maloney, Edward	Maine		
Maloney, Ellen Elizabeth A.B. 1929, University of Maine	Va.		
Maloney, Frank	D.C.		
Maloney, James Edward	Mass.		
Maloney, William Everett B.S. 1950, The George Washington University	Minn.		
Malowski, Mary Marguerite	D.C.		
Maltagliati, Oreste Francis	Md.		
Malzone, Francis Richard	W.Va.		
Mamish, Julia	N.Y.		
Manaker, Leon	Fla.		
Manaley, Joseph Claxton			



# Students Registered

497

Manzano, Carlos G. B.S.A. 1939, University of Puerto Rico	Puerto Rico	Markovich, Mike B.S. in F.S. 1949, Georgetown University	N.Y.
Manzano, Elmond Richard	Va.	Markowitz, Irvin	D.C.
Manzano, Theodora A.B. 1947, University of Texas	D.C.	Markowitz, Irving LL.B. 1949, The George Washington University	N.J.
Mapes, Eleanor Farish	D.C.	Marks, Walter	D.C.
Mapus, Alice Joan	Va.	Markwalter, Ernest	D.C.
Matagon, John Parker	Va.	Markwood, Carl Christopher B.S. 1949, St. Vincent's College	Pa.
Matavalli, Eugenia Rose	Pa.	Markwood, Juliet	D.C.
Marceron, Louis Norman	Va.	Marlow, Charles Austin, Jr.	Calif.
Marcevie, Emily Anne	W.Va.	Marlow, William Haworth	Md.
March, Christian Laurin, Jr. A.B. 1950, The George Washington University	Fla.	Marlowe, George Albert, Jr. B.S. 1949, The George Washington University	D.C.
March, Francis Andrew, Jr. A.B. 1950, The George Washington University	D.C.	Marmor, Alfred Charles	N.Y.
March, Joseph Wolf, Jr.	D.C.	Marowitz, Daniel	D.C.
Marchesano, Joseph Michael	N.J.	Marques, Mary Gilda B.S. 1941, Massachusetts State Teachers College	Mass.
Marchese, Marion V.	N.Y.	AM 1942, Boston University	
Marchese, Rosemarie B.S. 1948, New York State College for Teachers, Buffalo	N.Y.	Marquis, John W. A.B. 1950, Carleton College	N.J.
Marchi, Louis Basil	D.C.	Marra, Ronald Rocco	N.J.
Marchisen, Andrew B.S. 1950, Georgetown University	Md.	Martero, Robert	N.Y.
Marcmak, Frank Walter	N.J.	Marris, Calvin Rodes	Va.
Matconi, Galerio John	D.C.	Mars, Jerome Paul	N.J.
Marosano, Muiel Angele A.B. 1950, The George Washington University	D.C.	Marsh, Benjamin Franklin A.B. 1950, Ohio Wesleyan University	Ohio
Marlow, Helen Eilene	D.C.	Marsh, John D.	D.C.
Marcovitz, Ruth	D.C.	Marsh, Mary Louise	Va.
Marcus, Bernard LL.B. 1948, Harvard University	Pa.	Marsh, Richard Wade A.B. 1943, American University	D.C.
Marcus, Jeanne	Md.	AM 1949, The George Washington University	
Marcus, Marilyn Rita	N.J.	Marsh, Samuel Dennis A.B. 1948, Yale University	D.C.
Maruse, Ernest A.B. 1950, The George Washington University	D.C.	Marsh, Sara Savage A.B. 1948, University of North Carolina	Va.
Marden, Ethel Cox A.B. 1948, Mary Hardin-Baylor College	Va.	Marshall, Charles Lance, Jr. B.S. in E.E. 1948, Purdue University	W.Va.
Marema, Rein	D.C.	Marshall, Christopher Vaughan	Pa.
Mares, Christie Gilbert	Va.	Marshall, Edwin Hayward M.E. 1944, Rensselaer Polytechnic Institute	Va.
Margaretis, Nicholas John	Tex.	Marshall, Frank Stadden, Jr.	Va.
Margolis, Matthew David	N.Y.	Marshall, James Morris	Wash.
Margolis, Burton Zion B.E.E. 1949, New York University	N.Y.	Marshall, John T. B.S. 1950, The George Washington University	Fla.
Marin Brás, Juan	Puerto Rico	Marshall, Lilvan May	D.C.
Marine, Melvin Irving	D.C.	Marshall, Marion Dushane A.B. 1949, Radcliffe College	Md.
Marinetti, Amelita Butler	Va.	Marshall, Mildred Maxine	Fla.
Marinoble, James Vincent	D.C.	Marshall, Patricia Mills	D.C.
Marinshaw, John Alfred	Md.	Marshall, Ruth	D.C.
Marion, Paul James	N.Y.	Marshall, Willie Pitchford	Va.
Markel, Arthur Frederick A.B. 1948, Brooklyn College	Va.	Marshall, James Russell	Va.
Markell, John Keward, Jr. A.B. 1945, Duke University	N.C.	Marsteller, Lee Cole	Md.
Markham, Charles Buchanan	D.C.	Marsteller, Mary Rogers	D.C.
Markham, George Douglas	D.C.	Martens, Dons Katherine A.B. 1944, University of Southern California	Calif.
Markham, Mary Rita A.B. 1946, Trinity College	D.C.	Marthinsen, Clara Brasel A.B. 1941, The George Washington University	D.C.
Markland, Jane Bordley	Md.	Martin, Albert Louis	N.H.
Markley, Merle H. B.S. 1948, Oregon State College	Va.	Martin, Anne Marie	D.C.
Markley, Roberta Yette			
Markmann, George Howe			

Martin, Daniel	N.Y.	Maser, Wesley John	Va.
B.S. 1950, St. Francis College		A.B. 1948, University of Nebraska	Va.
Martin, Daniel Walter	Md.	Masiello, Joseph Alvin	
Martin, Donald Drew	D.C.	B.S. in Eng. 1950, The George Washington University	Conn.
Martin, Francis Julia		Maskaleris, Christos Louis	
A.B. 1946, Trinity College	D.C.	B.E.E. 1950, The George Washington University	Ohio
Martin, Harry Robert		Maskaleris, Eva Chris Hronopoulos	D.C.
A.B. 1949, University of Puerto Rico	Va.	Mason, Abraham Morris	Md.
Martin, Hershel	D.C.	Mason, Boyd Ayers	D.C.
Martin, Hugh Joseph		Mason, Chaytor Dix	
A.B. 1945, St. Mary's University	Iowa	A.B. 1949, The George Washington University	Va.
Martin, Jerome Daniel	N.Y.	Mason, Katherine Natalie	
Martin, John		B.S. 1946, Madison College	D.C.
A.B. 1950, The George Washington University	D.C.	Mason, Norman Randolph, Jr.	Md.
Martin, John Peter	D.C.	Mason, Rothwell Brisbane	
Martin, Julius Corpening	D.C.	A.B. 1950, The George Washington University	Tex.
Martin, Lawrence Stephen	Md.	Mason, Russell Ellsworth	
Martin, Leyland Myers		A.B. 1942, Columbia University	
B.S. 1934, University of Arkansas	Pa.	A.M. 1950, Southern Methodist University	D.C.
Martin, Luther Nunemaker	N.H.		
B.S. 1949, University of Missouri	Va.	Mason, William Bullard	Conn.
Martin, Marjorie		A.B. 1940, Dartmouth College	N.Y.
Martin, Marshall Alden, Jr.		Masone, William Joseph	Md.
LL.B. 1950, The George Washington University	N.J.	Masse, Samson	D.C.
Martin, Norma Louise	Fla.	Mastie, Maxine	D.C.
Martin, Patsey Mae	D.C.	Mast, Phillip Woon	Pa.
Martin, Paul Kyler	N.Y.	Mastbrook, William Henry	Mont.
Martin, Peter John		Masters, Margaret Ann	
A.B. 1950, The George Washington University	N.Y.	Masterson, Francis Wilbur	
Martin, Philip Joseph	Va.	A.B. 1950, The George Washington University	D.C.
Martin, Richard Alton	Calif.		D.C.
Martin, Robert Carl		Mastrantonis, Constantine Leonidas	Va.
A.B. 1950, University of California	N.C.	Mastrone, Viola Virginia	Pa.
Martin, Robert Douglas		Matacia, Florence	D.C.
A.B. 1947, A.M. 1949, East Carolina Teachers College	Pa.	Matani, Fred Anthony	
Martin, Robert Ferree		Matera, Ralph Joseph	
B.S. 1927, United States Naval Academy	Pa.	B.S. 1946, A.M. 1950, The George Washington University	N.Y.
Martin, Robert Henry	Ala.	Mates, Edward I.	Md.
Martin, Robert Laverne	Mo.	A.B. 1939, Brooklyn College	Md.
Martin, Robert William		Matheny, Lula S.	Va.
A.B. 1949, Southwest Missouri State College	Md.	Mather, Margaret	
Martin, Roger Arthur	D.C.	A.B. 1940, Columbia University	
Martin, Shula	Ill.	Mathers, Alex Pickens	Va.
Martin, Thomas Archie		B.S. 1931, University of Florida	D.C.
A.B. 1949, The George Washington University		M.S. 1946, Tulane University	Ark.
Martin, Wayne Francis	Va.	Mathers, Lala Wanda	Va.
Martindale, Doris Mae	Ala.	Mathes, Ruth Morrison	
Martinelli, Leo	Tex.	Mathews, Edward Ray	Va.
Martinez-Ostos, Marta	D.C.	Mathews, Mitford McLeod, Jr.	Pa.
Martino, Martin Roland		A.B. 1943, University of Illinois	D.C.
Martina, Frank	Va.	Mathias, Charlotte Prowell	N.C.
Marton, Tiber William	N.J.	Mathias, Richard Bingham	
Martorano, Joseph James	D.C.	Mathieson, Walter Whitman, Jr.	
A.B. 1940, Brooklyn College	Md.	Mathis, Troy Davis	Va.
M.S. 1944, New York University		B.S. 1949, University of North Carolina	
Martowicz, Edward Thomas	Ohio	Mathis, William Lowrey	Ind.
Martosi, Rosemary Vivian	D.C.	B.S. in M.E. 1947, Duke University	
Marvey, Adolph Louis	Va.	Mathur, Krishen Dayal	Ind.
Marvil, Frederick Linwood, Jr.	D.C.	M.S. 1942, Osmania University, India	Ky.
Marx, Robert Simon	Mass.	Mathusa, Jesse Leonard, Jr.	Ohio
Maryn, David	D.C.	Matney, Robert Taylor	
Marzahn, Kenneth D.	S.D.	Matson, Mary Barbara	Md.
Maschauer, Ruth Doloris	Md.	A.B. 1943, University of Arizona	D.C.
Masciarelli, Joseph Robert	N.Y.	Matthes, Chester Anthony	D.C.
Mascolo, Virginia Joan	D.C.	Matthews, James Raymond	
		Matthews, Reynold Judson	



Students Registered

499

Matthews, Theodore Dalmus, Sr. A.B. 1936, Shepherd College	W.Va.	Mazenderani, Abraham Khajavi	D.C.
Mattia, Louis Joseph	D.C.	Mazero, John Robert	Pa.
Mattie, Robert Rudolph	Wis.	Mazur, Anthony Joseph	Md.
Mattimore, Walter Bernard LL.B. 1947, A.B. 1951, The George Washington University	N.Y.	Mazur, George, Jr.	Va.
Mattingly, Anne Mathilde	Md.	Mazza, Louis Francis	Md.
Mattingly, James Oscar	D.C.	McAchren, Marlin Frederick	Pa.
Mattingly, Mary Benedicta	Md.	McAfee, Ruth Edith	Mo.
Mattingly, Thomas Ernest, Jr. A.B. 1948, The George Washington University	Md.	McAlea, Thomas Bernard	Va.
Mattson, Arthur Richard A.B. 1950, The George Washington University	D.C.	McAllister, Edward Joseph	N.Y.
Matus, Margaret Anna	D.C.	McAllister, Helen Elizabeth B.S. 1949, St. Joseph's College	Md.
Matusic, Frank, Jr.	Pa.	McAllister, Jean Elizabeth	D.C.
Mauer, Floyd Andrew B.S. 1947, Hobart College	N.Y.	McAmis, William Jack	D.C.
M.S. 1949, Carnegie Institute of Technology		McAnallen, Frances Gloria	Md.
Maul, Arthur George B.S. 1938, New York State Teachers College	D.C.	McAneny, Betty Friend A.B. 1944, San Francisco State College	D.C.
Maupin, Ann Maury	Md.	McAuliff, Rita Catherine A.B. 1947, Trinity College	D.C.
Maupin, Dorothy Ray B.S. 1949, The George Washington University	D.C.	McAuliffe, John Hilary	D.C.
Maupin, Grace Elaine	D.C.	McBane, James Norman	N.Y.
Maurer, James Carey	Calif.	McBeth, Frank Howard A.B. 1925, The George Washington University	D.C.
Maurer, Bowman Joseph	Pa.	McBride, Richard Joseph	D.C.
Mauriello, George Joseph	Pa.	McBroom, Noble Val Gene	D.C.
Mauro, Nicholas Michael	N.J.	McBurnett, Roe David, Jr. B.S. in E.E. 1944, Georgia Polytechnic Institute	Tenn.
Maury, Louis Quarto	Va.	McCabe, James William	Pa.
Maury, Jesse Lewis	Md.	McCabe, John D. A.B. 1947, The George Washington University	N.Y.
Mavridis, Photios Adam	Md.	McCafferty, Jane Haller	Md.
Mawhood, Samuel Allen	D.C.	A.B. 1929, Pennsylvania College for Women	
Mawver, Ralph Amos	Va.	A.M. 1948, University of Maryland	
Maxwell, Frederick Brooks, Jr. A.B. 1949, The George Washington University	Va.	McCall, Barbara Ann	Ky.
Maxwell, William A. B.S. 1950, University of Pennsylvania	Md.	McCall, Carl Price	D.C.
May, Robert Richard	N.J.	McCall, Chester Hayden, Jr. A.B. 1950, The George Washington University	Md.
Maybee, John Stanley B.S. 1950, University of Maryland	D.C.	McCall, Nancy Carolyn	Ky.
Maxberry, Paul Raymond	D.C.	McCalley, John W. A.B. 1945, A.M. 1947, The George Washington University	D.C.
Mayencourt, Herman	Maine	McCalley, Marian Norby	Kans.
Mayer, Mitchell Lewis B.S. 1950, Pennsylvania Military Academy	N.Y.	B.S. 1937, Kansas State College of Agriculture and Applied Science	
Mayer, Robert Charles B.S. 1948, Georgetown University	D.C.	McCalmont, David Burnett A.B. 1932, LL.B. 1935, Yale University	D.C.
Mayes, Russell Francis	Mass.	McCamy, Margaret Elizabeth A.B. 1933, Rutgers University	N.J.
Maye, Protasio A.B. 1949, The George Washington University	Puerto Rico	McCamy, Roy Lee B.S. in C.E. 1929, Georgia Polytechnic Institute	Ga.
Maynard, James Paul	Va.	McCance, Bobbie Evelyn	D.C.
Mayne, John Cleland A.B. 1948, Albion College	Mich.	McCann, Marcella	D.C.
Mayo, David Wallace	Wash.	McCann, Robert Thomas	Md.
Mayorka, Pablo Alfredo	Va.	McCarten, William Gray B.S. 1945, University of New Hampshire	N.H.
Mayo-Wells, Jean Olds A.B. 1926, Syracuse University	D.C.	M.S. 1949, The George Washington University	
Maye, David Carter	D.C.	McCarthy, Burton George, Jr.	Md.
Mazalewski, Raymond Adam Ph.B. 1938, LL.B. 1941, Marquette University	D.C.	McCarthy, Daniel Joseph, Jr.	D.C.
	Wis.	McCarthy, Helen Mary A.B. 1942, Regis College	Mass.
		McCarthy, John Aloysius	D.C.
		McCarthy, John Ernest	Md.
		McCarthy, John Joseph	D.C.



McCarthy, John Robert	Ohio	McCormick, June Theresa	N.J.
McCarthy, Lawrence Daniel	D.C.	McCormick, Marvin Vincent	Ohio
McCarthy, Margaret Angela	Va.	A.B. 1941, University of Akron	
McCarthy, Mary Ellen	D.C.	A.M. 1947, Harvard University	D.C.
A.B. 1947, Duke University		McCormick, Mary Elizabeth	Va.
McCarthy, Mary Rita	D.C.	McCormick, Mary Law	N.Y.
McCarthy, William Justin	D.C.	McCormick, Paul Vincent	Va.
McCartney, Junius Acree	D.C.	McCormick, Pearl D.	
McCarty, Charles Dennis	D.C.	A.B. 1931, University of North Carolina	
B.S. in M.E. 1941, Northeastern University		A.M. 1943, Wake Forest College	Va.
LL.B. 1945, Boston University		McCormick, William John	D.C.
McCarthy, William Homer	D.C.	McCoskey, Robert Edgar	Utah
McCasley, John Clifford	Ga.	McCowan, Joseph Aaron	
McCaslev, Sara Nell	Ark.	B.S. 1948, Utah State Agricultural College	Va.
A.B. 1947, Texas Christian University		McCoy, Marshall Levi	Md.
McCasland, Stanley Lee	Pa.	McCoy, Victor James	W.Va.
B.S. 1948, Ursinus College		McCoy, William, Jr.	
McCavey, Buchanan Houston	D.C.	A.B. 1943, Washington and Lee University	
McClaren, Wilfred S.	D.C.	LL.B. 1949, West Virginia University	Va.
McCleary, Carroll J.	Pa.	McCracken, Mary Lee	Va.
McCellan, Eikel Shoemaker	Iowa	McCracken, Kelly Thomas, Jr.	Fla.
McCellan, LaVonne Hedeen		McCreery, Minnielee Sally	D.C.
A.B. 1947, The George Washington University		McCreight, Charles Edward	
McClelland, William Alfred	Md.	B.S. 1948, M.S. 1950, The George Washington University	Pa.
McClellan, William Earl	Pa.	McCrone, Thomas Joseph	D.C.
McClelland, Frances Lorraine	D.C.	McCubbin, James Melvin	D.C.
McClelland, James Robert	D.C.	McCulloch, John Kinsey	
McClelland, William Thomas	Md.	B.S. in Eng. 1950, The George Washington University	D.C.
McClonathan, Nellie Louise	Pa.	McCullough, Herbert Carlton	Pa.
McCloskey, Ben Corner	Miss.	McCullough, June E.	
McCloskey, Carlos Victor	Miss.	A.B. 1943, The George Washington University	Va.
McCloskey, Elizabeth Louise	D.C.	McCullough, Richard Allen	
A.B. 1947, University of Alabama		B.S. 1949, Ball State Teachers College	D.C.
McCloskey, Sylvester John	Pa.	McCullough, Richard Cornwell	Md.
A.B. 1948, The George Washington University		McCullough, William Harrison	Va.
McCloskey, Stephen William	Nev.	McCully, Cyrus Harold	
A.B. 1950, University of Nevada		A.B. 1944, A.M. 1935, Colorado State College of Education	D.C.
McClure, Bithel Eugene	D.C.	McCune, Violet Kellogg	
McClure, Roger Gene	D.C.	A.B. 1948, The George Washington University	Md.
McClure, William Pendleton		McCurry, William Smith, Jr.	
B.S. 1949, University of Pennsylvania		B.S. 1948, University of South Carolina	D.C.
McCoach, Chita Crane	D.C.	McCuschen, Ann Mecklin	Md.
McCoach, Nancy Ann	D.C.	McDaniel, Ernest Glenn	
McCollum, Omar D., Jr.	Mo.	A.B. 1946, Fairmont State College	Ark.
A.B. 1941, University of Kansas City		McDaniel, George Martineau	Ky.
McComb, Archibald Howell, Jr.	D.C.	McDaniel, John Bennett	
B.S. 1947, Webb Institute of Naval Architecture		B.E.E. 1946, University of Louisville	Tenn.
McComb, Margaret Smith	D.C.	McDaniel, John Milton	D.C.
McCombie, Vera Marie	Va.	McDaniels, James Ellis	Va.
McCombs, Grant Webster	Calif.	McDermott, William Thomas	
McComasby, Eydle Gilchrist	D.C.	B.S. 1935, University of New Hampshire	
A.B. 1941, The George Washington University		Ed.M. 1936, Boston University	Va.
McConnell, Mary Alice	Fla.	McDill, Thomas Kapp	N.Y.
A.B. 1942, Hollins College		A.B. 1948, Miami University	
McConnell, Lyle Thornton	Ill.	McDonald, Arthur Smith	
A.B. 1945, University of the South		A.B. 1949, University of Kansas	D.C.
McConnell, Russell Clair	Pa.	A.M. 1950, Cornell University	D.C.
McCool, Cornelius Joseph	Pa.	McDonald, Brian Thomas	
McCord, Franklin Otto	Iowa	McDonald, Dianys Frobieter	
A.B. 1950, The George Washington University			
McCorkle, Henry Leonard	Va.		
A.B. 1950, University of Texas			
McCormack, Harold John	Md.		
McCormack, Josephine Louise	Mo.		
B.S. 1933, Southwest Missouri State College			

# Students Registered

501

McDonald, Donald Deon A.B. 1950, The George Washington University	D.C.	McGrath, Peggy Anne McGrath, Robert Vincent McGrath, William James, Jr. B.S. 1948, University of Scranton	D.C. Mass. Pa.
McDonald, Ethel Raynor A.B. 1939, University of Hawaii	Va.	McGraw, Carrington Belt, Jr. A.B. 1949, A.M. 1950, The George Washington University	Va.
McDonald, Laurence Bertrand	Va.	McGraw, Forrest Ross	D.C.
McDonald, Louise McNamara	D.C.	McGregor, Bob Roy B.S. 1929, United States Naval Academy	N.Y.
McDonald, Lynette	Conn.	McGregor, John Gregor, Jr. A.B. 1947, Stanford University	Ariz.
McDonald, Robert Francis	Va.	McGrew, Clinton Jackson, Jr.	Va.
McDonald, Rosemary Ann A.B. 1947, Brooklyn College	N.Y.	McGrew, William Michael	Pa.
McDonnell, Donald George	D.C.	McGuire, Bernice Katherine Ed B. 1947, Clark University	Mass.
McDonnell, Jessop Ignatius A.B. 1949, St. Martin's College	Ohio	A.M. 1942, Catholic University of America	
McDonough, John Joseph	D.C.	McGuire, Charles Francis McGuire, Daniel	Pa.
McDonough, Joseph James	Wash.	McGuire, James A.	Md.
McDonough, Louis Edward A.B. 1933, B.S. 1935, University of Minnesota	N.Y.	McGuire, James David B.S. 1950, Georgetown University	Va.
McDonough, Raymond John	D.C.	McGuire, Kenneth James	N.Y.
McDowell, Albert Glenn	N.Y.	McGuire, Mildred Mary	D.C.
McDowell, Janet Beverly A.B. 1950, The George Washington University	Va.	McGuire, Ronald Arthur	N.Y.
McDowell, Percival Eaton	D.C.	McGuire, Ruth Evelyn	D.C.
McDowell, Wilhelmina Hoefman	Va.	McGuire, Janet Emerson	Mass.
McDuffee, Lois June	Fla.	McGuire, Vincent William McGuire, James Joseph A.B. 1949, The George Washington University	Pa. Va.
McDonald, Jesse	D.C.	McHale, James Francis B.S. 1936, College of the City of New York	N.Y.
McHenry, Thomas Vaughan B.S. 1940, Louisiana Polytechnic Institute	Fla.	McHale, Robert Berger	Va.
McIntire, Timothy Dana	D.C.	McHenry, Howard Francis A.B. 1949, University of Tulsa	Okla.
McIntire, John Cornelius	Md.	McHenry, Marie Frances B.S. 1941, Mississippi Southern College	D.C.
McIntire, Merrill Ray	Md.	McHatch, John Joseph	D.C.
McIntire, Ross Masgrove	D.C.	McHatten, David White	Va.
McIntire, Edgar Elhan, Jr.	S.C.	McIsner, Carl Raymond	Iowa
McFarland, Jewell A.B. 1951, University of Arizona	W Va.	McIntyre, Carl Franklin	N.C.
McFarland, John Robert, Jr. A.B. 1947, University of Arizona	Ariz.	McIntyre, Ernest Richard	D.C.
McFarlane, Thomas James	Ariz.	McIntyre, John Francis, Jr.	Md.
McFarlane, John Graham	Pa.	McIver, John F. B.S. 1937, A.M. 1948, Fordham University	Ill.
McFarlan, Roy Lee	D.C.	A.M. 1944, Columbia University	
McGandy, Edward Lewis	Tenn.	McIvor, Lillian Mae B.S. 1930, Radford College	Va.
McGann, Malcolm Hobart, Jr. A.B. 1942, Haverford College	Md.	McKay, Cameron Lawrence	Minn.
McGrady, Marion Louise	Va.	McKay, Fred James	N.J.
McGrady, Rita Ann A.B. 1947, College of St. Teresa	D.C.	McKay, James Creighton B.S. 1948, Cornell University	Md.
McGee, Charles Edward B.S. in Ed. 1934, Northern Illinois State Teachers College	Wis.	McKay, Joseph Patrick A.B. 1947, Knox College	Mass. Md. Ill.
McGhee, Myler Joan	Md.	McKay, Virginia Frances McKay, James Oakes	
McGivern, Francis Edward	D.C.	McKeen, John Badger A.B. 1947, United States Naval Academy	Conn. Tenn.
McGrath, Eugene Logan	D.C.	McKellar, Clifton, Jr. B.S. 1947, United States Naval Academy	
McGrath, Edgar Howard	Tex.	McKellip, Carol McKellip, Harold Gilman, Jr. A.B. 1950, The George Washington University	Ill. Calif.
McGrath, Eileen Elizabeth	Md.		
McGrath, Catherine Ann	Md.		
McGrath, Lawrence Edward	Pa.		
McGrath, Joseph George	R.I.		
McGrath, Myron Joseph, Jr. A.B. 1947, Oak College	Pa.		
McGrath, Paul Alan	Iowa		
McGrath, Christine Elmore	D.C.		
McGrath, Cornelius Joseph B.S. 1944, St. Joseph's College	D.C.		
McGrath, Daniel Gerald L.I.B. 1929, L.I.M. 1931, St. John's University, N.Y.	Pa.		
McGrath, John Thomas	Va.		
McGrath, Mabel Catherine	Pa. N.Y.		



McKenna, John R.	Md.	McLeod, William Earl	N.C.
McKenney, Dorothy Ethel	D.C.	McLernon, Franklin Dean	Va.
McKenney, Herbert Robert	Mich.	McLindoe, John Robert, Jr.	D.C.
McKenzie, Bonnie Woodbury	Md.	McLister, Thomas Francis	D.C.
McKenzie, Margaret Mary	Ill.	McLynn, James Michael	D.C.
McKeon, Alfred Jerome	Va.	A.B. 1950, The George Washington University	D.C.
A.B. 1949, The George Washington University	N.Y.	McLynn, Theresa Hocking	Tenn.
McKeon, Arthur Thomas		McMahan, Hardy Lee, Jr.	Ohio
M.E. 1948, Stevens Institute of Technology	Conn.	B.S. 1948, Michigan State College	D.C.
McKeon, Charles Francis	Va.	McMahon, Helen Mae	D.C.
McKeon, Matthew Bernard	Mass.	McMahon, John Bertram, Jr.	Md.
McKeown, Thomas Patrick		McMahon, John Thomas	N.Y.
A.B. 1950, The George Washington University	Mass.	McMahon, Joseph Maurice, Jr.	D.C.
McKibben, Mason Edward	Colo.	McMahon, Kathryn Mary	
McKinley, Royce Baldwin	Md.	McMahon, Patricia Ann	
A.B. 1942, University of Michigan		A.B. 1949, Dunbarton College of Holy Cross	N.J.
LL.B. 1948, Harvard University		McMahon, Thomas Anthony	Maine
McKinley, Stanley Elmer	D.C.	McMain, James Aloysius	Maine
A.B. 1950, Dartmouth College		A.B. 1943, Georgetown University	D.C.
McKinley, Thomas William	Md.	McMann, Phyllis Maria Rebecca	
B.S. 1949, The George Washington University		McManus, Regis John	Md.
McKinnell, Bettina Fenton	Md.	B.C.S. 1933, New York University	
McKinney, Clyde Livingston	W.Va.	McMeel, John Wallace	
McKinney, Martha Haynes	S.C.	A.B. 1950, The George Washington University	Va.
A.B. 1949, Furman University		McMillan, William Walter	D.C.
McKinney, Nan Honora Katherine	Va.	McMorrow, Robert Gilmore	D.C.
McKinney, William Ralph	Ky.	McMullen, Alexander Ross	Miss.
McKinnie, William T.	N.D.	McMullen, Ivy Harpole	Va.
B.S. 1934, North Dakota Agricultural College		McMurray, Delzell Barthel	D.C.
A.M. 1940, The George Washington University		McMurray, William John	
McKnew, Della Karpeles	Md.	McMurrer, Gertrude Elliott	
A.B. 1938, Goucher College		A.B. 1947, The George Washington University	Va.
McKnight, Michael Joseph	D.C.	McNabb, Gertrude Elliott	Md.
A.B. 1950, The George Washington University		McNally, Eileen Bridget	Pa.
McKnight, Robert Don	Ga.	McNally, James Edward	
McLain, Edward Phillip	D.C.	McNally, Marietta Clara	Va.
McLane, Eleanor Cecelia	Va.	B.S. 1947, Temple University	Conn.
McLane, Henry Earl, Jr.	Va.	McNally, Patronienne Isabel	Mich.
McLane, Jerome Sydnor	Va.	McNamara, Carol Joseph	Va.
McLaren, Lyle Chester, Jr.	Ohio	McNamara, Jerome Tolan	Iowa
B.S. 1950, Ohio State University		McNamara, John Edward	Va.
McLaughlin, Edward Bruce	D.C.	McNamara, Richard Vaughan	Va.
B.S. 1943, Georgetown University		McNamee, Gilbert Wilson	D.C.
McLaughlin, John Clyde	Md.	McNamee, Wallace William	Md.
A.B. 1947, University of California at Los Angeles		McNaney, William Edward	
McLaughlin, Mary MacMillan	D.C.	McNeil, George Elroy, Jr.	
McLaughlin, Robert Hughes	Pa.	A.B. 1942, The George Washington University	Va.
McLaughlin, William Francis	Va.	McNeill, Thomas Cochrane	W.Va.
A.B. 1944, Swarthmore College		McNelis, James Ralph	D.C.
McLaurin, Turner Sheppard		McNerney, Harry Joseph	D.C.
B.S. 1945, Mississippi College	Va.	McNish, Alvin George	D.C.
McLean, Charles Graham	N.C.	McNulty, Eileen Marie	D.C.
A.B. 1948, The George Washington University		McNulty, Paul Edmund	Iowa
McLean, Dorothy M.	Md.	McNulty, Philip Lambert	N.Y.
McLean, George Willis	Md.	McPeak, Charles John	
McLean, Max C.	D.C.	A.B. 1950, St. John's University, N.Y.	Md.
McLees, John Skelton	Ark.	McPherson, Trent Otto	Wia.
McLellan, Margaret Laura	Mass.	McProud, Carl Edwin	D.C.
McLelland, Gordon B.	D.C.	B.S. 1938, Memphis State College	Va.
A.B. 1942, Princeton University		McQueary, Dennis Everett, Jr.	
McLennan, William Stuart	D.C.	McQuilkin, William Thomas	Mich.
B.S. 1947, University of Oregon		A.B. 1937, Emory and Henry College	
McLeod, Jean Frances	Md.	McRae, John Edwin	Va.
		B.Ch.E. 1948, University of Detroit	
		McRae, Luther Cecil	
		A.B. 1927, Ed.M. 1928, Duke University	



Students Registered

503

McSoud, Clovis Fred A.B. 1949, A.M. 1950, The George Washington University	Okla.	Melgaard, Mary Alicia A.B. 1939, Syracuse University A.M. 1940, Columbia University	Va.
McTeer, Hilda Doris	D.C.	Melheim, Arnold Curtis A.B. 1950, The George Washington University	D.C.
McTiernan, Jeffrey	Va.	Mellema, Bendert Henry Mellema, Lucille Jordan	Mich. D.C.
McVicker, Robert Edwin	D.C.	Mellen, David Ralph Mellen, Philip Glenn	N.Y. Ohio
McWhirt, Joseph Russell A.B. 1948, The George Washington University	D.C.	Mellen, Robert David A.B. 1949, The George Washington University	Va.
Mead, Richard Thomas	Ohio	Mellor, John Edward A.B. 1942, The George Washington University	Va.
Meador, Norward A. B.S. in C.E. 1934, Virginia Military Institute	Va.	Melton, William Roscoe Memory, Alvin Lee	Mo. Va.
Meadows, Miles Whitman	Ala.	Mendeloff, Henry B.S. 1930, M.S. in Ed. 1939, College of the City of New York	D.C.
Meadows, Richard Carl A.B. 1950, The George Washington University	Tenn.	Menceley, Reynold Charles, Jr. B.S. 1949, Pennsylvania State College	Va.
Meadows, Waldene Hastings	Kans.	Mensch, Esther Elizabeth Mensch, Herbert	Pa. D.C.
Meagher, Mary McKee	Va.	Mentag, Robert George B.M.F. 1942, LL.B. 1950, University of Detroit	Mich.
Meana, John Donald	Va.	Mentch, Robert Llewellyn B.S. 1950, Pennsylvania State College	Pa.
Meaney, Thomas Francis B.S. 1949, Georgetown University	D.C.	Menzie, Calvin Melvin A.B. 1949, Johns Hopkins University	D.C.
Means, Mildred Hunt	Va.	Merat, Parviz Merces, Carol Richardson	Iran D.C.
Means, Patsy Jane	Ark.	Mercer, Janice Denise Merger, Joseph Jackson, Jr.	Va. Ga.
Means, Will Avery	D.C.	Merchant, Edward Joseph Merck, Mary Christine	D.C. Ga.
Mears, John Kenneth A.B. 1948, The George Washington University	D.C.	Mercogliano, Charles Eugene Mercogliano, Victor Mario	D.C. Md.
Mearns, John Stephen, Jr.	Ind.	Meredith, Cecil Jane Merendino, John Jerome	Tex. Md.
Mebane, Banks Holt B.S. 1949, University of North Carolina	N.C.	Meserole, Harold Francis LL.B. 1924, The George Washington University	Ill.
Mecklenburg, Richard Kenneth	Iowa	Mesrle, Paul Edmund A.B. 1950, Harvard University	D.C.
Medin, Alice Verona	Wis.	Meslino, Ralph James Merlo, Robert Murray	N.J. N.J.
Medlin, Raymond Thomas	Va.	Merlo-Flores, Lewis Arthur Mesow, James Forbes	D.C. Va.
Meeker, John Harbeck, Jr. A.B. 1949, Drew University	N.J.	Merrell, Richard Yates Messel, Virginia	Utah D.C.
Meekins, Donna Ray	Ala.	Merram, Lee Forrest Merrill, Grayson	D.C. Va.
Meekins, William Lawrence	N.C.	Merritt, Arthur Donald A.B. 1949, The George Washington University	D.C.
Meekreebs, Samuel B of Eng. 1942, University of Toledo	Ohio	Merritt, Earl Arthur Merritt, Hobart Whitten	Va. Va.
Meers, Josephine Marie	Ind.	Merritt, M. Audrey Randa Mersch, Robert Joseph	Va. D.C.
Meece, Kenneth Jordan	Md.	Merwin, John Chester A.B. 1950, University of Maryland	D.C.
Megella, Ella A.B. 1948, The George Washington University	Pa.	Meseroll, Janet Thelma Mesirow, Harold Esiah	D.C. D.C.
Megonigal, James Clifford	Va.		
Mehaffey, William Truby LL.B. 1936, LL.M. 1947, Sorbonne University	D.C.		
Mehbod, Ahmed	Iran		
Melham, Gerald Jay	D.C.		
Meier, Albin Richard	D.C.		
Meier, Frederick, Peter	N.Y.		
Meier, Robert Willy	D.C.		
Melph, Charles B.S. 1929, Wesleyan University	N.J.		
Melns, Edward Douglas	Idaho		
Mennert, Donald James B.S. 1949, Wisconsin State Teachers College	Wis.		
Melrowitz, Morris A.B. 1948, University of Wisconsin	N.J.		
Melzer, Alfred A.B. 1948, College of the City of New York	D.C.		
Meisner, Sara Lusse Meisner, Charles Robert	Ky.		
Meisner, Paul	D.C.		
Meister, Malcolm	N.Y.		

Messenheimer, Alva Donald B.S. 1947, Kansas State College of Agriculture and Applied Science	Va.	Mich, Anthony Dominick A.B. 1950, Lycoming College	Pa.
Messersmith, James Carl A.B. 1941, University of Missouri	Mo.	Mickelsen, Carolyn Ann	Va.
Messler, Fitzhugh-Lee Joseph	Va.	Mickelsen, Frank Ray	D.C.
Metal, Andrew, Jr. A.B. 1950, University of Colorado	Ohio	Mickler, Thomas Albert	Pa.
Metallitz, Stanley A.B. 1939, College of the City of New York	D.C.	Micko, Helen Louise	Tex.
Metivier, Joseph Louis, Jr.	Maine	Middlebrooks, Suzanne	Fla.
Mettenet, William Joseph A.B. 1942, University of Pittsburgh	Va.	Middleton, Ethel Welch	Pa.
Metz, Donald William	D.C.	Middleton, Floyd Herbert	Va.
Metzerott, Henriette Kirk	Pa.	Middleton, Vesta Ann A.B. 1947, University of North Caro- lina	Ill.
Metzerott, Kirk Oliver A.B. 1949, The George Washington University	D.C.	Midland, Marvin Gilbert	Pa.
Metzger, Abram Boyce M.S. 1948, Alabama Polytechnic In- stitute	Ala.	Miele, Albert John B.S. 1950, Georgetown University	Wis.
Metzger, Clyde Christian B.S. 1950, Pennsylvania State College	Pa.	Miesfeld, Roger Randolph B.S. 1949, University of Wisconsin	Va.
Metzger, Heloise Michelle	D.C.	Miffin, Catherine Anne B.S. 1949, Wilson Teachers College	Va.
Metzger, Mary Gertrude	Va.	Miguel, Geronimo	Hawaii
Metzner, Norma R. A.B. 1940, University of Wisconsin	D.C.	Miho, Katsugo A.B. 1949, University of Hawaii	Ohio
Meyer, Ardo Xanar	Nebr.	Mikalauskas, Francis	Mo.
Meyer, Bertha Marie	Md.	Miklus, Helen B.S. 1945, Kent State University	D.C.
Meyer, Calbot Willister	D.C.	Mikus, Isabelle Mary B.S. 1946, Simmons College	D.C.
Meyer, Carolyn Warner	Md.	Milan, Robert Howard	D.C.
Meyer, Charles Burton, Jr.	Va.	Milano, Dominick Joseph	N.Y.
Meyer, Charlton George	D.C.	Milazzo, Salvatore Louis B.S. 1950, Georgetown University	Md.
Meyer, Elizabeth Anne	Va.	Milburn, Chester Franklin	Md.
Meyer, Ival Loren	Nebr.	Milburn, George Ernest	Ala.
Meyer, Karl Barrie A.B. 1947, Westminster College	Ohio	Milburn, Vivian Elaine A.B. 1946, Baylor University	D.C.
Meyer, Lucille W.	Tex.	Milby, Katherine Rebecca B.S. 1947, Virginia State Teachers College, Farmville	Tex.
Meyer, Yura Darrel	Va.	Miles, Bill A. B.S. 1947, University of Southern California	D.C.
Meyers, Beverly Anne	S.D.	Miles, Chester Ellsworth	Va.
Meyers, Daniel A.B. 1950, The George Washington University	N.Y.	Miles, Nancy Ann	D.C.
Meyers, Harold	D.C.	Milench, Ann Theresa	D.C.
Meyers, Hugh Truman	D.C.	Milench, Mathew John A.B. 1950, Indiana University	Md.
Meyers, Marjorie Castle	D.C.	Milholland, Richard E. Foxam B.S. 1949, Loyola College	D.C.
Meyerson, Carla Ruth A.B. 1944, University of Michigan	N.J.	Miltzer, Gustave David B.S. 1950, The George Washington University	Calif.
Meyrowitz, Leon A.B. 1949, The George Washington University	Md.	Millar, Glen Collins	Calif.
Michael, John P.	D.C.	Miller, Allen Howard	N.J.
Michalek, Joseph Leonard	Pa.	Miller, Ann Margaret	W.Va.
Michaels, Charles Fredric	D.C.	Miller, Bernice Sarah A.B. 1950, Smith College	
Michaels, Joan Marie	D.C.	Miller, Blaine Monroe, Jr. B.S. in M.E. 1951, West Virginia University	Iowa
A.B. 1950, Clarke College	D.C.	Miller, Carolyn Ann	Pa.
Michaels, Michael Nicholas	Pa.	Miller, Charles Harrison	Va.
Michaud, Lewellyn Richard	Md.	Miller, Charles Phillip	
Michel, Joan B.S. 1948, University of Maryland	D.C.	Miller, Charles V. B.S. in E.E. 1935, Carnegie Institute of Technology	Md.
Michelsen, Cleo Phyllis A.B. 1943, The George Washington University		Miller, Christine Haines B.S. 1941, Middle Tennessee State College	S.C.
Michelsen, Paul Frederick	Md.	Miller, Dan Alfred A.B. 1945, A.M. 1950, University of Virginia	Va.
Michini, Louis Joseph A.B. 1941, University of Delaware	Del.	Miller, Dana Prescott, Jr.	
Michon, Zigmund Sagittarius B.S. 1949, American International College	Conn.		



Students Registered

505

Miller, Doris Elaine A.B. 1940, University of Minnesota	Minn.	Miller, Ruth Amelia	Minn.
Miller, Doyle Nate	Tex.	Miller, Ruth Lynn	D.C.
Miller, Edith Evelyn	Va.	Miller, Samuel Peter	Va.
Miller, Edna Virdena	D.C.	Miller, Saul Philip	Va.
Miller, Edwin Cyrus A.B. 1940, Muhlenberg College	Pa.	Miller, Sidney	N.J.
Miller, Elmore LaVerne	Pa.	B.S. 1950, Seton Hill University	Pa.
Miller, Francis Harrison	Calif.	Miller, Theodore Arnold	Ohio
Miller, Genevieve C. B.S. 1941, Western Reserve University	Ohio	Miller, Virginia Jane	Pa.
Miller, George Martin	Calif.	A.B. 1945, College of Wooster	Pa.
A.B. 1950, George Pepperdine College	D.C.	Miller, Walter Wallace	Pa.
Miller, Gerald Joseph	Va.	Miller, William Francis	Pa.
Miller, Gladys	D.C.	A.B. 1946, The George Washington University	Va.
A.B. 1942, College of William and Mary	Va.	Miller, William L.	D.C.
B.S. 1942, George Peabody College for Teachers	Va.	Miller, William Wilson	D.C.
Miller, Grant William	Va.	Millette, LeRoy Francis	Tex.
B.S. 1947, University of Washington	Va.	Milman, Louise LaVerne	N.Y.
Miller, Harry John	Va.	Milman, Margaret Anne A.B. 1948, A.M. 1942, B.S. 1948, Syracuse University	D.C.
Miller, Hessel McKown	Va.	Milloy, Richard Patrick	D.C.
Miller, Hersch Daniel	Va.	Mills, Annie Louise	D.C.
Miller, Hugh Michael, Jr.	Md.	Mills, Barbara Elizabeth	Va.
Miller, Howell Douglas	D.C.	Mills, Carl	D.C.
D.V.M. 1941, Agricultural and Mechanical College of Texas	D.C.	Mills, Cathryn Lucille	Va.
Miller, Jane Winsor	Va.	Mills, Charles Curry	Okla.
Miller, John Alexander	D.C.	Mills, Donald Clair	D.C.
Miller, John Charles, Jr.	D.C.	A.B. 1940, San Jose State College	N.Y.
Miller, John Richard	Pa.	Mills, George F.	Va.
Miller, Joseph Adolph	D.C.	Mills, James Slagle	Va.
Miller, Keith Boone	D.C.	Mills, Lee George	W.Va.
A.B. 1950, Baylor University	D.C.	Mills, R. H. Elizabeth	Va.
Miller, Leo	Mass.	Mills, Sarah Louise	D.C.
Miller, Leonard Lee	W.Va.	Milman, Keith Luane	D.C.
Miller, Lewis Baruch	Va.	A.B. 1945, Grove City College	D.C.
Miller, Lucile Florence	Va.	Milne, Edward Jameson	D.C.
Miller, Lynn Harry	Va.	Milne, Elizabeth Ann	D.C.
Miller, Margaret Elizabeth	Ill.	Milne, Robert Eugene	Calif.
A.B. 1948, Bryn Mawr College	D.C.	Milos, John Francis	Md.
Miller, Mary	Mass.	A.B. 1931, Dartmouth College	D.C.
A.B. 1950, The George Washington University	Va.	A.M. 1942, Columbia University	D.C.
Miller, Maurice Myles	Pa.	Milovanovic, Vojta V.	D.C.
A.B. 1948, The George Washington University	Pa.	Milne, William Edward	D.C.
Miller, Maynard Millard	Miss.	Milner, Newton Arthur	D.C.
Miller, Melvin Eugene	Pa.	Mines, Kenneth Seymore	N.J.
Miller, Mina Suzanne	D.C.	Minnick, Ralph Hue	Va.
Miller, Myrtle S.	D.C.	Munkler, Whitney Sheldon	Conn.
Miller, Nancy Hays	Pa.	Munier, Deibert Massey	Md.
Miller, Olin Columbus	D.C.	A.B. 1935, University of Delaware	Ohio
B.S. 1922, A.M. 1938, Ed.M. 1939, George Peabody College for Teachers	Pa.	Minnich, Mary Jane	D.C.
Miller, Rachel Croft	D.C.	A.B. 1940, Seton Hall University	D.C.
A.B. 1948, University of Maryland	Va.	Minor, Robert Center	Md.
Miller, Richard Dabney	D.C.	Minor, Sophia Crouch	Va.
Miller, Richard Eugene	D.C.	Minott, Lorraine Lukens	Pa.
A.B. 1949, The George Washington University	Pa.	A.B. 1946, Bryn Mawr College	D.C.
Miller, Robert Earl	Va.	Minsky, Herschel Seymour	Pa.
Miller, Robert Thomas	N.J.	Mintum, Ramona	Pa.
B.S. 1940, Rutgers University	Va.	Minton, Thos. E.	D.C.
Miller, Robert Wayne	Md.	Miss. Pierre Ricardo	Pa.
A.B. 1949, University of Pennsylvania	D.C.	Mirner, R. H.	N.Y.
Miller, Roy Lee	Va.	Misch, Chilton Luther	Pa.
		A.B. 1948, The George Washington University	Ill.
		Miskovsky, Milan Carl	D.C.
		B.S. 1948, M.F. 1949, University of Michigan	D.C.
		Misner, Chester Clarence	Fla.
		Missimer, Juliana K.	D.C.
		Mitchell, Amertias	Fla.
		A.B. 1945, Vanderbilt University	D.C.
		Mitchell, Anita Floyd	D.C.



Mitchell, Anna Lou B.S. in Ed. 1942, University of Georgia	Va.	Moerman, Constance Levenson A.B. 1938, The George Washington University	Md.
Mitchell, Charles Bradford Ph.B. 1928, A.M. 1929, Wesleyan University	D.C.	Moeur, Sid C. Moffatt, Jane Lee Moffat, Jean Hemphill A.B. 1922, Erskine College A.M. 1931, Columbia University	Ariz. D.C. D.C.
A.M. 1938, Ph.D. 1939, Harvard University	Va.	Moffat, Samuel John B.S. 1950, The George Washington University	D.C.
Mitchell, Clyde Albert	Va.	Moffett, Charles Henry, Jr. Mohagen, Edna Alice B.S. 1937, The George Washington University	Fla. N.J.
Mitchell, Dora Willie A.B. 1936, Winthrop College A.M. 1935, University of Virginia	D.C.	Mohani, Krishna A.B. 1945, University of Delhi A.M. 1947, University of Madras	India
Mitchell, Edward Alexander A.B. 1943, University of Virginia	Va.	Mohr, Casper Frank Mohr, Paul James Moise, Ridgely, Jr. A.B. 1950, The George Washington University	Va. N.Y. D.C.
Mitchell, Elizabeth	Va.	Molina, Berta Mollari, Oscar Michael Moller, Robert Edward Molowey, John Bromley B.S. 1947, Tufts College	Mexico D.C. N.J. Mass.
Mitchell, Frank Raymond, Jr.	Va.	Molster, William H. Mona, Joseph Obed, Jr. Monaco, Dalio Hugo Monasteraki, Edward Monchlovich, Mike B.S. 1947, The George Washington University	D.C. D.C. D.C. D.C. D.C.
Mitchell, Harvey Alva A.B. 1948, University of Virginia	Va.	Mondlock, Marguerite M. Mondschein, Earl Jay Mongelli, Micheline B.S. 1931, Temple University	Ill. Mich. Pa.
Mitchell, James Anderson	Va.	Monie, Don John Monier, John Baptiste B.S. in Ch. 1941, University of Pittsburgh	D.C. Pa.
Mitchell, Jean Winters	Va.	Monk, Ella May A.B. 1913, The George Washington University	N.Y. Iowa
Mitchell, Joseph McDowell	D.C.	Monk, Gordon Vance Monlux, Andrew W. D.V.M. 1942, M.S. 1947, Iowa State College of Agriculture and Mechanic Arts	D.C.
Mitchell, Marguerite A. A.B. 1949, The George Washington University	Va.	Monn, John Israel B.S. 1931, Pennsylvania State Teachers College	Pa.
Mitchell, Marie R. A.B. 1942, Middlebury College	D.C.	Monroe, Charles Stephen B.S. 1939, Virginia Polytechnic Institute	D.C. D.C. Ga.
Mitchell, Mary Christine	Ala.	Monroe, Etta Mae Monroe, John Anthony Monsees, Edna Kury B.S. 1930, University of Missouri	Va. Va. D.C.
Mitchell, Mary Eleanor	D.C.	Monsheimer, Louis Bertram Montague, Helen Bovard Montague, Lewis David Montague, William Eugene A.B. 1950, The George Washington University	Va. D.C.
Mitchell, Marilyn Ruth	Va.	Montcalvo, Sam A.B. 1941, University of Illinois	Ill.
Mitchell, Robert Cleo	D.C.	Montcalvo, Vincent Frank B.S. 1950, Rhode Island State College	R.I.
Mitchell, Robert Eugene	Va.		
Mitchell, Robert Jouett B.S. in A.E. 1943, Cornell University	Mo.		
Mitchell, Robert Warren	Pa.		
Mitchell, William Francis B.S. 1950, Georgetown University	Md.		
Mitnik, S. Elizabeth A.B. 1946, Maryland College	Va.		
Mitzkowski, Leo Stanley	Md.		
Miyamoto, Yasuo A.B. 1946, Keio University, Tokyo	N.Y.		
Mizell, Robert Harley	Japan		
Mizelle, Fenton Vivian	Ga.		
Moale, Elise Wootton A.B. 1939, Goucher College	N.C.		
Moan, Jeanne Corkhill A.B. 1935, Seton Hill University	Md.		
A.M. 1949, The George Washington University	Pa.		
Mobley, Leonard Augustine B.S. 1949, Mississippi State College	Va.		
Mobley, Thomas Clark	D.C.		
Moadance, Walter Aaron B.S. 1938, College of the City of New York	N.Y.		
Moder, Irving A.B. 1948, The George Washington University	N.Y.		
Modlin, Albert Jay B.S. 1948, M.S. 1949, The George Washington University	D.C.		
Moe, Albert Ferdinand B.S. 1948, University of California	Calif.		
Moe, Alfred Brox A.B. 1940, The George Washington University	Va.		
Moe, Beverly Ann	Va.		
Moe, Stanley Kermit	Va.		
Moehring, J. Truitt	D.C.		
Moeller, Marian	N.C.		

Students Registered

507

Montemarano, Louis Joseph	D.C.	Moore, Novine	D.C.
Montgomery, Charles Raymond	S.C.	A.B. 1941, East Carolina Teachers College	
B.S. 1949, University of South Carolina		Moore, Patricia Anne	D.C.
Montgomery, Joe Moore	Va.	Moore, Patricia Catherine	Va.
Montgomery, Harry John	D.C.	Moore, S. Reid	Md.
Montgomery, Myrtle Ann	Md.	Moore, Samuel Varick	D.C.
Montgomery, Robert Hayes	D.C.	B.S. 1942, University of Maryland	
Montgomery, Virgil Lee	D.C.	Moore, Stewart Fawcett	W.Va.
Montilla, Eduardo Jose	Philippines	A.B. 1943, Bethany College	
B.S. in F.S. 1950, Georgetown University		B.S. 1948, Carnegie Institute of Technology	
Montunnas, Stanley	D.C.	Moore, Susan Doyle	Va.
B.S. 1942, United States Naval Academy		Moore, Thomas Wesley	Va.
Monyat, John George	Pa.	Moore, Waldo Hawthorne	Va.
B.S. 1949, Geneva College		LL.B. 1949, The George Washington University	
Moody, Horace Ray	Wash.	Moore, Wanda Faye	Okl.
Moody, John Atwell	Md.	Moore, Ward John	Md.
B.S. 1947, Tulane University		Moore, Willard Edward	W.Va.
A.M. 1949, Tufts University		A.B. 1948, West Virginia University	
Moody, Martha Ada	N.C.	Moorefield, Carlton Swain	N.C.
B.S. 1943, Western Carolina Teachers College		A.B. 1949, Lenoir-Rhyne College	
Moody, Reuben Benjamin	N.C.	Moorefield, Courtney Marshall	N.Y.
Moon, Cecil Lee, Jr.	Iowa	B.S. in M.E. 1949, University of Illinois	
Mooney, Mark Wendel	Md.	Moorefield, Sue Kuhn	N.C.
Mooney, Patricia Ann	Tex.	A.B. 1950, Lenoir-Rhyne College	
A.B. 1941, College of Mines and Metallurgy, El Paso		Moorman, Mary Virginia	Okl.
A.M. 1944, East Texas State Teachers College		Moose, Coy E., Jr.	Md.
Ph.D. 1946, Cornell University		A.B. 1949, The George Washington University	
Mooney, Richard Edward	Fla.	Mopper, Kehath Samuel	D.C.
A.B. 1949, University of Florida		Morales, Jose Lima E. Silva de	D.C.
Mooney, Robert James	Conn.	Morales, Donald Chauncey	Md.
B.F. 1942, Yale University		A.B. 1951, The George Washington University	
Moore, Alvin, Jr.	Ga.	Morales-Yordan, Jorge	D.C.
Moore, Arthur Daniel	Tenn.	A.B. 1948, University of Puerto Rico	
B.S. 1949, East Tennessee State College		Moran, Andrew John	Pa.
Moore, Billy Leon	Ala.	Moran, Charles Vincent	Va.
Moore, Boyd Guerry	D.C.	A.B. 1949, The George Washington University	
Moore, David Lewis	D.C.	Moran, David Dorsey	D.C.
A.B. 1936, Harvard University		Moran, James Michael	Va.
Moore, Douglas Hamilton, Jr.	Md.	Moran, Leda Padgett	Md.
B.S. 1950, The George Washington University		A.B. 1946, Hood College	
Moore, Donald Francis	Mass.	B.S. in I.S. 1947, Drexel Institute of Technology	
Moore, Edward Taylor	Tex.	Moran, Leon James	Conn.
Moore, Elmer Lee	Md.	LL.B. 1949, The George Washington University	
Moore, Eugene Minton	Ala.	Moran, Leroy	Va.
Moore, Frank Donald	Idaho	Moran, Peter Joseph	D.C.
Moore, Frank John	Calif.	Moran, Robert Emmet	Md.
B.S. 1940, A.B. 1944, University of California		Mordas, George K.	N.J.
A.M. 1950, School of Advanced International Studies		Morehouse, Lucille Vivian	N.Y.
Moore, Henrietta S.	Ind.	Moreland, Chester Martin	Pa.
Moore, James Edward	D.C.	Moreland, Helen Lucile	Iowa
Moore, Jesse Myatt	Ark.	B.S. 1940, Iowa State College of Agriculture and Mechanic Arts	
Moore, John Henry	Va.	A.B. 1948, The George Washington University	
B.S. 1948, Southeastern State College		Moreno, Vernone Josephine R.	D.C.
Moore, John Lewis	Va.	Morgan, Billie	Va.
Moore, Lee Randolph	La.	Morgan, David Gough	Md.
Moore, Luvadel	Ga.	Morgan, David Richard	Maine
Moore, Luther Samuel	Mass.	Morgan, Donald Ray	Pa.
B.S. 1931, United States Naval Academy		Morgan, Emory Claude	Va.
Moore, Marion Pauline	Ariz.	B.S. 1948, University of Southern California	
A.B. 1949, University of Arizona		Morgan, Glenn Franklin, Jr.	Va.
Moore, Mary Jane	D.C.		



Morgan, Grover Gordon, Jr. A.B. 1941, Wake Forest College A.M. 1948, New York University	N.C.	Morrison, John Richard Morrison, Lillian A. Morrison, Ralph Robert Morrison, Robert Reid A.B. 1950, The George Washington University	D.C. D.C. D.C. D.C.
Morgan, John Edward Morgan, Nancy Lu Morgan, Robert Campbell Morgan, Robert Eltonzo B.S. in Eng., 1950, The George Washington University	Maine Va. Va. Md.	Morrison, Robert Turnbull, Jr. A.B. 1932, Ohio Wesleyan University A.M. 1934, Ohio State University	Va. Va.
Morgan, Robert Henry Morgan, Robert Stong Morgenstein, Harvey Norman B.S. 1949, University of Maryland	Md. Tenn. Md.	Morrissey, Raymond Morrow, Mary Lou Morse, Marjorie Lee Morse, Walter Herbert A.B. 1942, Princeton University I.L.B. 1948, University of Virginia	Pa. D.C. Conn.
Morgenstern, Melitta Melly Morgret, Charles Oscar Morgret, Clarence Abner Moriarty, Sarah Catherine A.B. 1926, Trinity College Moriarty, Vincent Christopher A.B. 1947, Harvard University	D.C. Md. Md. W.Va.	Morton, Frank Reginald A.B. 1938, The College Morton, George R. W. Morton, Knight Harry Morton, Mary Alice B.M. 1945, Coe College	D.C. Va. D.C.
Morin, Joseph Evans Proctor A.B. 1942, Stanford University Moritz, Andrew Bruce A.B. 1942, University of South Dakota	N.J. Calif. S.D.	Morton, Maurice Martin LL.B. 1910, Temple University Morton, Rose K. A.B. 1948, University of North Carolina	Pa. D.C.
Moritz, Anita Christie Morledge, Charles Calvin Morley, Christina Bird Morley, Frances Helen B.S. 1929, University of Nebraska Morley, John Royal A.B. 1949, Marietta College	D.C. D.C. D.C. Md. N.J.	Mosel, Eugenia Ross Mosel, James Norman A.M. 1941, Columbia University Moseley, Francis Wilson Moser, Bernice Moser, Ernest Cleveland Mosher, Annette M. Mosher, Thomas Frederick	Va. Va. Pa. Mo. Va. Fla. Pa. D.C.
Morley, Richard Gordon Morlock, Harry Kenneth A.B. 1950, The George Washington University Mornone, Augustus James Moring, Francis Goodwin B.S. 1945, University of Maine	D.C. D.C. Va. Va. Md.	Moskovic, Malvina Marian Moskowitz, Margaret M. Moskowitz, Milton Moskowitz, William Mosman, Janet Farnham Mosman, Kenneth Freeman A.B. 1951, The George Washington University	D.C. N.Y. D.C. N.Y. Mass. D.C.
Moroz, Walter Stanley Motta, Joseph John Morrell, Roger Clemitt B.S. 1950, Haverford College Morris, Agnes Catherine Morris, Blanche Lucile A.B. 1925, Ohio Wesleyan University	D.C. Md. Ky. Va.	Moss, Arthur Robert B.S. 1948, College of the City of New York Moss, Donald Walter Moss, Leona Peinhardt B.S. 1949, Temple University Moss, Frank H. A.B. 1936, A.M. 1940, University of Chicago	D.C. Va. Ill.
Morris, Brooks Henry Morris, Claude Swanson, Jr. Morris, Elizabeth L. M. B.S. 1933, Rutgers University Morris, Elsie Gae Morris, Jack Curtis A.B. 1949, Columbia University Morris, John Michael A.B. 1950, The George Washington University	Ark. D.C. N.J. Va. Ill. D.C.	Moss, Robert Cramton Moss, Ruth W. Moss, Sidney I. A.B. 1948, The George Washington University	Mass. D.C. D.C.
Morris, Lewis Dawson Morris, Lindsay Franklin Morris, Lucile A.B. 1945, Ohio Wesleyan University Morris, Robert Hart Morris, William Reynolds B.S. 1930, LL.B. 1941, University of North Carolina	Va. W.Va. Va. D.C. Va.	Mosteller, Bertha Alene Motte, Walter L. Motovich, Esau B.S. 1941, Pennsylvania State Teachers College, Indiana A.M. 1947, Columbia University Mottson, Ralph Joseph A.B. 1933, Williams College A.M. 1935, Brown University	N.C. Ceb. D.C.
Morrison, Betty Noble Morrison, Carson Carmon M.S. 1932, University of Southern California Morrison, Claude Oliver B.S. 1932, University of Nebraska Morrison, Howard Irwin Morrison, James Robert	N.C. Md. Neb. N.Y. D.C.	Mott, Howard Mott, Mary Louise Mouat, John Charles Moulthrop, Henry Kenneth A.B. 1934, Pennsylvania State College Moulton, Gladys Schapira Moulton, Maxwell Coffin	D.C. D.C. Mont. Va. N.Y. Md.



# Students Registered

509

Mountain, Daniel Joseph	D.C.	Mundy, John Price	Va.
Mountjoy, Raymond N.	D.C.	A.B. 1940, Bridgewater College	
Moure, Rupert Francis	Md.	A.M. 1945, University of Virginia	
Mourning, Henry Lee	D.C.	Munekiyo, Asa	D.C.
Mowery, Bruce Douglas	Tenn.	Munn, John Irvin	Pa.
Mowery, James Herman	Va.	B.S. 1948, Indiana State Teachers	
Mowry, Boardman Shaw	Ill.	College	
Moxham, Robert Morgan	D.C.	Munn, Robert Hector	Mass.
B.S. 1944, Ohio State University		Munn, Constance Louise	Md.
Moxley, George King	Ga.	Munro, Sanford Sterling	D.C.
Moye, Vivian N.	Ga.	Murphy, Marlene Marie	D.C.
Moyer, Esther Laura	Pa.	Murphy, Thomas Richard	Va.
B.S. 1939, A.M. 1947, Columbia		Murphy, Emm. Lator	Mich.
University		Murphy, Frederick Alexander	D.C.
Moyerman, Ruth Jean	N.J.	Murphy, John Allen	D.C.
Moyers, Henry Horace	Md.	A.B. 1939, Davis and Elkins College	
B.S. 1942, Northwest Missouri State		Munz, M. Leavelle	Pa.
Teachers College		A.B. 1941, Allegheny College	
Moyrhan, Richard Edward	Mass.	Murabito, Frank Joseph	N.Y.
Moyrhan, William Trumbull	Mass.	Murdoch, Ben Joseph	Va.
Muccarone, Anthony Thomas	D.C.	Murdoch, Owen Lee	Va.
Mudd, Leonard Eugene	Md.	Murdoch, Richard Wilcox	D.C.
B.S. 1930, University of Maryland		Murphy, William Lamott, Jr.	D.C.
Muehlhaue, William	D.C.	Murphy, Jesse Dean	Tex.
Mueller, Bernard Clarence	Calif.	Murphy, Randolph Clay III	Va.
Muench, Peter H.	Calif.	Murphy, Barbara Fuller	D.C.
B.F.S. 1940, University of Southern		A.B. 1940, The George Washington	
California		University	
Muhonen, Oliver Adolph	Minn.	Murphy, Cecile	D.C.
Muir, Donald Belden	D.C.	A.B. 1947, University of Minnesota	
Muir, Matthew Slapp	Hawai	Murphy, Charles Albert	La.
A.B. 1914, University of Washington		B.S. 1947, Louisiana State University	
Mukasa, George Musugi	Md.	Murphy, Clara Mary	Mass.
A.B. 1942, University of Washington		Murphy, Eugene Bailey	Va.
Mularick, Albert Andrew	Md.	A.B. 1941, Washington College	
Mulhall, Francis Joseph, Jr.	D.C.	A.M. 1947, University of Kentucky	
Mulhearn, Rupert Albert	R.I.	Murphy, Eugene Martin	Mass.
A.B. 1930, The George Washington		B.S. in F.S. 1942, Georgetown	
University		University	
Mulkey, Margaret Kimbrough	Va.	Murphy, Francis Xavier	Mass.
B.S. 1927, University of Virginia		Murphy, Gloria Virginia	Pa.
Mull, John Clifford	N.C.	A.B. 1939, Immaculata College	
Mullarkey, James Patrick	Ill.	Murphy, Harriet McAndrew	D.C.
Mullen, Clarence Robert	Ohio	B.S. 1948, Wilson Teachers College	
Mullen, Lyle Ray	D.C.	Murphy, Jack Francis	D.C.
Mulligan, Patricia Jeanne	D.C.	Murphy, James Emmett	D.C.
Mullin, Helen Marie	D.C.	Murphy, John Arizona	D.C.
Mullin, Roger William, Jr.	Va.	B.S. 1948, Georgetown University	
A.B. 1945, Brooklyn College		Murphy, John Joseph, Jr.	D.C.
L.I.B. 1948, Fordham University		B.S. 1941, University of Maryland	
Mullinar, Paul Everett	D.C.	Murphy, John Thomas	R.I.
A.B. 1948, University of North Caro-		Murphy, Joseph Alexander, Jr.	D.C.
lina		A.B. 1948, The George Washington	
Mullineux, Marianne M.	D.C.	University	
Mullineux, O. Charles	Md.	Murphy, Joseph Lawrence	Va.
Mulling, Jack	D.C.	Murphy, Joseph Patrick	Va.
A.B. 1947, The George Washington		A.B. 1942, L.I.B. 1950, The George	
University		Washington University	
Mullins, Jessie Edith	Va.	Murphy, Lawrence Matzies	D.C.
A.B. 1940, The George Washington		Murphy, Lucretia Anne	Md.
University		Murphy, Raymond Augustine	Pa.
Mullins, Walter Chesterfield	Ky.	Murphy, Richard Ernest	Minn.
Multon, Franklin Gerard	N.Y.	A.B. 1941, St. Lawrence University	
B.S. 1941, University of New Hamp-		Murphy, Robert Peter	Wis.
shire		A.B. 1948, Ripon College	
Mulvey, Dorothy Kodrowsky	D.C.	Murphy, Rosalind Anne	D.C.
Munson, Louis Pat	Md.	A.B. 1947, Trinity College	
A.B. 1948, M.S. 1950, The George		A.M. 1949, Catholic University of	
Washington University		America	
Mundock, Cinda Lee	D.C.	Murphy, Rosanna Claire	D.C.
Mundy, John Leo	Pa.	Murphy, Thomas Roland	Pa.
A.B. 1948, Lafayette College		Murphy, Thomas Harry	Ind.

Murphy, William James B.S. 1929, University of Scranton	Md.	N	
Murray, Edward Patrick	D.C.	Nacht, Frank	D.C.
Murray, Helen Holden A.B. 1926, Marietta College	Va.	Nachtsheim, John J. B.S. in N.A. and M.E. 1947, Webb Institute of Naval Architecture	N.J.
Murray, James Francis	Md.	Nadeau, Frances N.	Tex.
Murray, James Glick B.S. in M.E. 1948, University of Maryland	Md.	Nadelhaft, Murray	N.Y.
Murray, John Henry	Nev.	Nader, Demetri Edward	D.C.
Murray, John Joseph, Jr. B.S. 1949, Boston College	Mass.	Naeker, Priscilla Margaret	Md.
Murray, John Norman	Va.	Nachle, Henry Emil	Ohio
Murray, Joseph B.S. 1949, University of Richmond	Va.	Naftulin, Donald Harvey	N.Y.
Murray, Kathleen Yvonne	D.C.	Nagelvoort, Adrian Wahl	N.Y.
Murray, Malcolm Holden	W.Va.	Nagler, Norbert	Mich.
Murray, Sally Regina	Pa.	Nagy, Louis James	Mich.
Murrell, Evelyn Louise	D.C.	Nagy, Ruth Catherine	D.C.
Murriah, Everett Clark A.B. 1947, Harvard University	Ohio	Nahm, Doris A.B. 1949, A.M. 1950, The George Washington University	Ohio
LL.B. 1950, The George Washington University	Pa.	Nail, Edwin Starkey	D.C.
Murtha, Edward A.B. 1949, Waynesburg College	Pa.	Nauman, Norma Lee	D.C.
Murty, James Byron	Iowa	Nair, Roberta Young	Hawaii
Muse, Claude Revere, Jr. A.B. 1949, The George Washington University	Va.	Nakashima, Sumio	Md.
Muse, Katherine	N.Y.	Nall, Berry Hudson, Jr.	Ala.
Muska, Joseph Louis B.S. 1950, Georgetown University	N.Y.	Nall, Hilary Herbert B.S. 1949, Georgia Institute of Technology	D.C.
Musselman, Homer Dewey	D.C.	Nall, James Ramon	D.C.
Mutchler, Thomas Edward, Jr.	D.C.	Nalley, Jacqueline Olivia	Md.
Muteff, Martin Georgiev	Va.	Nalls, John Willard, Jr.	Va.
Myer, Elizabeth Carroll	D.C.	Napier, Helen Frances	N.Y.
Myers, Adda Mae B.S. 1949, Pennsylvania State Teachers College, Bloomsburg	D.C.	Napolitano, Benjamin John	Pa.
Myers, Billie Ray	Md.	Nappi, Patrick Samuel B.S. 1950, University of Scranton	Va.
Myers, Charles Bogart B.S. 1949, Columbia University	Md.	Naquin, Frances Lorraine	Iowa
Myers, Charles Ernest A.B. 1943, Rice Institute	Tex.	Nasalroad, Eugene Arthur	R.I.
Myers, Dorothy Rose	Va.	Nash, Ruth Crandon	N.Y.
Myers, George Albert, Jr.	D.C.	Nash, William Henry	Pakistan
Myers, George Ford	Md.	Nasir, Khalil Ahmad A.M. 1948, Northwestern University	Md.
Myers, Harold B.S. 1932, United States Naval Academy	Pa.	Nasou, John Peter A.B. 1947, University of Minnesota	D.C.
M.S. 1941, Harvard University	Va.	Nassimbene, Raymond	D.C.
Myers, Margaret Mary	Md.	Nathan, Janice Fried	Va.
Muers, Maude Theresa B.S. 1951, Catholic University of America	Md.	Nathanson, Roberta Lois	D.C.
Myers, Richard Ira	N.J.	Nay, Harold Edgar	Md.
Myers, Sara Marie A.B. 1948, University of Southern California	N.J.	Naylor, Annie Lee	Md.
Myers, Saul Meredith	D.C.	Naylor, Esther Olson	Md.
Myers, Thad Prentice	Pa.	Naylor, Guy Rodgers, Jr. B.S. 1950, The George Washington University	D.C.
Myers, Thomas Ellworth	Calif.	Nazemi, Yazdi, Soltan Said	D.C.
Myers, Walter Robert A.B. 1950, West Virginia University	W.Va.	Neach, Alphonse Alexander	Ga.
Myers, Winifrede Elliott A.B. 1916, University of Louisville	Va.	Neal, Paul	
Myriantopoulos, Ntinos Cleovoulos	D.C.	Neal, Robert Martin A.B. 1948, A.M. 1949, Emory University	D.C.
Myrick, Donald Marshall	N.Y.	Neal, William Alfred	D.C.
		Nearman, Charles Donald	Va.
		Nearman, Jane Carol	Pa.
		Nearman, Richard Edward	Va.
		Neary, John Matthew	
		Nee, William John B.S. 1938, Marquette University	Md.
		Neece, Talmadge Macoon B.S. in F.S. 1950, Georgetown University	Va.
		Neeley, Arthur Call B.S. 1948, Columbia University	Va.
		Neely, Billie Ann	Miss.
		Neely, James Curtis	
		Neenan, Elmer Bruno	



# Students Registered

511

Neff, Mary Ann A.B. 1949, University of Colorado	Mich.	Nevils, Florence Irene New, Gregory Ryan	Vt. Ga.
Negrine, Elie	N.Y.	Newcomb, Laurence Clare B.S. 1938, New York State Teachers College, Buffalo	Md.
Negulescu, Paul	D.C.	A.M. 1947, The George Washington University	
Neidort, Sol	Va.	Newcomer, Melchor Burns B.S. 1930, Manchester College	Ind.
Neighbors, Walter Draper A.B. 1950, University of Virginia	Minn.	Newell, Betty Jean	D.C.
Neil, Charles Verne	Pa.	Newell, Hildreth Adele	D.C.
Niell, James McDow A.B. 1949, The George Washington University	N.H.	Newell, Lewis	Md.
Neilon, John James A.B. 1949, St. Anselm's College	Ga.	Newell, Marguerite Dunton Ph.B. 1947, University of Wisconsin	Md.
Neisler, Mary Louise M.Ed. 1945, Boston University	D.C.	Newey, John Percy	D.C.
Nelson, Barbara Louise Entz	N.Y.	Newhouse, Lawrence L.	N.Y.
Nelson, Betty	Fla.	Newhouse, Leroy Clark	Md.
Nelson, Dorothy Emily	Minn.	Newkirk, Edgar Harrison	D.C.
Nelson, Eileen May	Tex.	Newkirk, Emma Winkelman	Ill.
Nelson, Gordon Bruce B.S. 1950, Southern Methodist University	D.C.	Newkirk, George Francis A.B. 1946, A.M. 1948, The George Washington University	Ill.
Nelson, Hannah-Greta Elizabeth	Tex.	Newkirk, LeRoy	D.C.
Nelson, Helen Mae A.B. 1950, San Diego State College	Va.	Newkirk, Roy Francis A.B. 1950, The George Washington University	N.J.
Nelson, Kenneth LaMar	Minn.	Newland, Paul Arthur	Ind.
Nelson, Kermit Chester	D.C.	Newlands Miska, Joseph Karl	Calif.
Nelson, Lorraine A.B. 1944, University of Alabama	D.C.	Newlin, Joseph Homan A.B. 1942, LL.B. 1948, The George Washington University	Va.
Nelson, Mary Jane A.B. 1948, The George Washington University	D.C.	Newman, Donald Henry	N.Y.
Nelson, Raymond Arthur A.B. 1941, Tusculum College	D.C.	Newman, Henry Carl B.S. 1949, University of Illinois	Ill.
Nelson, Raymond Martin	Va.	Newman, Jack	D.C.
Nelson, Robert George	D.C.	Newman, Ruth Gallert	D.C.
Nelson, Walter Burns	Md.	A.B. 1937, Rutgers University	
Nelson, Warren James B.S. 1948, University of Wisconsin	Ariz.	Newnam, William Webster A.B. 1949, The George Washington University	Pa.
Nemes, Graciela P. B.S. 1942, Trinity College	Md.	Newquist, John Wallace B.S. 1940, Northern State Teachers College	S.D.
Nerish, Michael Thomas A.B. 1949, The George Washington University	N.J.	Newquist, Noel Clayton A.B. 1949, The George Washington University	Kans.
Nesbit, Mary Katherine A.B. 1941, The George Washington University	Kans.	Newton, Alice Jewett	Maine
Nesbitt, Betty Rae	Va.	Newton, Donald Alan	Vt.
Nesbitt, John	Md.	Newton, Frances Elizabeth	N.C.
Nesheim, David Arnold	Va.	Newton, Gordon Quincy	D.C.
Ness, Luell R. A.B. 1949, The George Washington University	S.D.	Newton, James Robert	N.C.
Ness, Rudolph Walter	Va.	Newton, John Richard	N.C.
Nestor, Rosalie Eleanor	D.C.	Newton, Joseph Leo	Pa.
Neithken, Mary Helen A.B. 1930, A.M. 1931, West Virginia University	D.C.	Newton, Joseph M.	Va.
Neuberger, Florence G. Perlmuter A.B. 1949, Hunter College	D.C.	Newton, Louis Knox	N.C.
Nesbitt, Edward Thomas	N.J.	Newton, Walter David B.S. 1942, A.M. 1948, The George Washington University	Md.
Nesdort, Lawrence Sterling	N.Y.	Ney, Carol Margaret	Iowa
Neuman, Herbert B.S. 1950, College of the City of New York	D.C.	Neuman, Elizabeth Sutherland	D.C.
Neuman, Richard Keith B.S. 1945, University of Washington	D.C.	Nichols, Ruth Elizabeth	Pa.
Neva, Aileen Ramona	D.C.	Nichols, Catharine Keimer	Va.
Nevasser, Albert Edward	N.J.	Nichols, Maurice Seymour A.B. 1930, A.M. 1948, University of New Hampshire	N.H.
Nevill, Anne Noel	D.C.	Nicholas, William	Ill.
	D.C.	Nicholls, Albert Charles A.B. 1941, Adrian College	Va.
	N.J.	Nichols, Charles Sidney, Jr. A.B. 1936, A.M. 1938, University of Nevada	Nev.
		Nichols, Elizabeth Mildred	Tenn.



Nichols, Harry Edwin B.M.E. 1949, The George Washington University	Ky.	Noble, Stedman Bennett A.B. 1949, Harvard University	Calif.
Nichols, Lloyd Barden	D.C.	Noble, William Oliver	Pa.
Nichols, Mary Finlayson	Md.	Noell, William Cedric B.S. 1924, Virginia Military Institute	Va.
Nichols, Robert Richard	D.C.	Nolan, Michael Owen	D.C.
Nichols, Theron Hale B.S. in M.E. 1948, University of Oklahoma	Va.	Nolan, Paul Joseph B.S. 1949, Seton Hall University	N.J.
Nichols, Warren James A.B. 1949, The George Washington University	Md.	Nolan, Raymond Vincent	Va.
Nichols, William Ashley	S.C.	Nolan, Thomas C. B.S. 1938, Georgetown University	D.C.
Nichols, William De Wayne A.B. 1947, Grinnell College	Md.	Noland, Emit E., Jr. A.B. 1949, University of Georgia	Ge.
Nicholson, John Edward	D.C.	Nolte, Ann Elizabeth	D.C.
Nicholson, Mary Ann	Va.	Nolte, Deborah Marian	Tex.
Nicholson, Richard Lee	D.C.	Noonan, Carol Barbara	Va.
Nickerson, George Willis	Okla.	Noonan, Edward James	N.Y.
Nickerson, Jerome Howard	D.C.	Noonan, John Thomas	N.I.
Nickerson, Roger Brown B.S. 1945, United States Naval Academy	Maine	Noone, Anthony	Calif.
Nicodemus, Patricia Ann	W.Va.	Noone, James Henry	Md.
Nicolaisen, Gordon Albert	Norway	Noone, Joseph Aloysius B.S. 1937, St. Joseph's College	D.C.
Nicolaysen, Ruth Synnøve	N.Y.	Noonan, Thomas Bernard B.S. 1948, University of North Carolina	N.C.
Nicola, Vincenzo Antonio	D.C.	Noonan, Dean Anthony A.B. 1949, State University of Iowa	Iowa
Nicolopoulos, Diana Georgia	D.C.	Neelquist, Paul Alexander B.S. in F.S. 1948, Georgetown University	Conn.
Niden, David B.S. in Ed. 1938, Pennsylvania State Teachers College, Kutztown	D.C.	Norman, George A.B. 1947, Western Maryland College	Md.
Niebell, Joyce Ivone	Va.	LL.B. 1949, University of Maryland	D.C.
Niederstrasser, Robert Edward	D.C.	Norman, Hannah Smith A.B. 1934, Goucher College	N.Y.
Niedfeldt, Clyde Edward	Nebr.	M.S. 1943, Catholic University of America	W.Va.
Nielsen, Alice Lenore A.B. 1938, A.M. 1940, University of Nebraska	Va.	Norman, Henry Robert A.B. 1944, Western Maryland College	N.Y.
Nielsen, Jean Kelly B.S. 1939, A.M. 1943, The George Washington University	N.Y.	Norman, John H. K.	D.C.
Nielsen, Jessie Patricia	Ill.	Norman, John Leo	Mina.
Nielsen, John Walker	Md.	Norman, Richard Arthur	D.C.
Niemi, Viola Eleanor	Wis.	Noemandeau, Keith Joseph	D.C.
Niewenhous, Mathias William, Jr. A.B. 1949, Yale University	Ill.	Norment, Hillyer Gavin, Jr.	D.C.
Nigh, Evelyn Marie	D.C.	Norment, Nancy Richards	Va.
Niuro, Mary	Md.	Norns, Barbara Lee	Ill.
Nikl, Emma Lillian	Pa.	Norr, Marriner Krumm B.S. 1947, The George Washington University	Md.
Nikoloric, Suzanne Mills	Md.	Norrington, Frances Taylor	Va.
Nilan, John Roger A.B. 1950, Lebanon Valley College	Md.	Norris, Audrey Blessing A.B. 1947, American University	D.C.
Niland, Francis Willison A.B. 1950, St. Francis College	D.C.	Norris, Charles Walter	Va.
Niles, Jack Stone	Pa.	Norris, George Todd B.S. in Ed. 1934, Bowling Green State University	Ill.
Nimeroff, Isadore B.S. 1948, The George Washington University	Va.	Norris, Lawrence Geoffrey B.S. in E.E. 1947, University of Illinois	Nebr.
Nimmo, Murray Franklin B.	D.C.	Norris, Willa B.S. 1934, University of Nebraska	Okla.
Nimmon, Barbara Joy	W.Va.	A.M. 1943, Columbia University	Va.
Niner, Patricia Marie	Va.	North, Charles Lewis	D.C.
Niner, Rosemary	Hawaii	North, Edward Masterson B.S. 1948, Oberlin College	Va.
Niswander, Elton Lee	N.Y.	North, Richard Parsons	Md.
Nishimoto, Eunice Frances	Pa.	Northcutt, Lois Charlotte	Pa.
Niskanen, Sue Bowie	D.C.	Northover, Edward Ralph	Calif.
Niziolek, Josephine J.	Va.	Northrop, Anita Maxine	
Nobel, John Phelps		Northrop, Monica Ellen	
Nobel, Louis N.			
Noble, Alma Rollins B.S. 1945, Wilson Teachers College			
Noble, Bertha Demarest A.B. 1936, The George Washington University			

# Students Registered

513

Northrup, Barbara Winifred A.B. 1937, Elmira College A.M. 1950, The George Washington University	N.Y.	Nuttman, Harold Franklin A.B. 1950, The George Washington University	Kans.
Norton, Al Merkle Norton, Clifford Lee B.S. 1948, University of Cincinnati	D.C.	Nuzzo, Vincent Rocco B.S. 1950, Georgetown University	N.Y.
Norton, Edward James A.B. 1948, Columbia University	Ky.	Nyce, James Carroll Nye, William David A.B. 1937, The George Washington University	Md. Md.
Norton, Elizabeth Rosemary Norton, Hugh Stanton A.B. 1947, A.M. 1948, The George Washington University	N.Y.	Nyhagen, Donald Richard B.S. 1944, University of California	Va.
Norton, Leslie Murray A.B. 1928, Southwestern Louisiana Institute A.M. 1933, Ph.D. 1940, Louisiana State University	Md. D.C.	O	
Norton, Miriam Norton, Robert Joseph Leonard Norton, Theodore Edward B.S. 1926, M.S. 1931, Massachusetts Institute of Technology	D.C. Mass. D.C.	Oakes, Edmund Ignatius, Jr. Oakes, Lynwood Taylor Oakley, George D. A.B. 1948, University of Hawaii	D.C. N.C. Hawaii
Norvell, Robert Joseph B.S. 1947, University of Wisconsin LL.B. 1950, The George Washington University	Va.	Oakley, Kathleen Wigton Oartel, Ruth Anne B.S. 1950, University of Maryland	Va. D.C.
Norwinski, Eugene E. Norwood, Herman, Jr. Nothdurft, Rudolph Julius, Jr. Nothstein, Charles Lewis Nothstine, Kenneth Thompson Nott, Joseph George Nott, William Alan B.S. 1941, Harvard University	N.Y. D.C. Va. Okla. D.C. Pa. D.C.	Oberholtzer, John William A.B. 1949, Earlham College Obermier, Edith Theresia Obermier, John Nicholas O'Blazney, Andrew Anthony Obold, Charles Edward O'Briant, Paul William, Jr. A.B. 1948, University of North Carolina	Ind. N.Y. N.Y. D.C. D.C.
Novak, Catherine Ann Novak, Frederick Michael A.B. 1949, Shepherd College Novak, Jovanka Ribar Novakovich, Dan Nover, Naomi Goll B.S. 1934, New York State Teachers College	N.Y. D.C. Pa. N.Y. Va. Pa. D.C.	O'Brien, Edna Manuel O'Brien, Francis Eugene O'Brien, Harry Martin O'Brien, James Dennis O'Brien, John Joseph O'Brien, Joseph Gerald O'Brien, Margaret Marion O'Brien, Raymond Ransom O'Brien, Robert John O'Brien, William John B.S. 1942, Tufts College O'Callaghan, Brendan Joseph A.B. 1938, Manhattan College	Md. Va. Md. Iowa Mass. D.C. D.C. N.Y. Va. Mass.
Novick, Michael John Novy, James S. Nowak, Francis Stanley Nowicki, Alfred Theodore Nowlin, Joe Franklin LL.B. 1949, University of Arkansas LL.M. 1950, The George Washington University	Md. Va. Va. Pa. Ark.	O'Connell, Samuel Joseph Ocker, Minam Heathcote O'Connell, John Joseph O'Connell, Thomas Francis O'Connor, Charles Frederick III A.B. 1948, The George Washington University M.B.A. 1949, University of Pennsylvania	N.J. D.C. Md. Conn. Va.
Noyz, Maria Amelia Noyes, Anne Sheppard Noyes, Theodore Prentice Nubbe, Virgil George A.B. 1940, The George Washington University	D.C. D.C. D.C. Minn.	O'Connor, Isabelle O'Connor, Richard Leo O'Connor, Robert Francis O'Connor, James Atlee Ozytko, John Stanley O'Day, John Bartholomew Oden, Richard Edward Odineal, Mary Louise A.B. 1950, The George Washington University	Kans. Calif. Md. Va. D.C. D.C. D.C.
Nuesle, Francis Edward B.S. 1942, United States Naval Academy Nuhn, Richard Louis Null, Phyllis Viola Nunn, Frances Louise A.B. 1948, Vassar College Nunnally, Marvin Arthur Nurco, David Norman Nuesbaum, Hymie B.S. 1948, LL.B. 1950, University of South Carolina	Md. Md. Va. D.C. N.Y. D.C.	O'Donnell, Alice Louise O'Donnell, Isabel Ann Fulton O'Donnell, Joseph Michael O'Donnell, Vincent Leo O'Donoghue, Grace Mary R.S. 1948, Wilson Teachers College O'Donoghue, William Henry B.S. 1950, Wilson Teachers College Odor, Hugh Eberly Oelke, Harlan John	Wash. Va. Va. Pa. D.C. D.C. Md. D.C.
Nutting, Neil Joseph	Iowa		

Oertlin, Frances Adele	D.C.	Olin, Wilber C.	D.C.
Oertel, Nelson	Va.	Oliver, Abigail Hanahan	D.C.
Offenbacher, Thomas Ralph, Jr.	D.C.	Oliver, Dorothy McMichael	Va.
Offield, Vonna Watson	Va.	Oliver, Emory Eugene, Jr.	Md.
B.S. 1923, Northeast Missouri State Teachers College		Oliver, Evelyn Cora	Va.
O'Fiesh, Fred George	Pa.	Oliver, Gertrude Chesley	N.J.
A.B. 1950, Pennsylvania State College		Oliver, Horace Gismond, Jr.	
O'Flaherty, Patricia Ann	Va.	M.E. 1935, Stevens Institute of Technology	
O'Friel, Edward Waters	Pa.	M.B.A. 1946, New York University	Va.
O'Gara, Roger William	Mass.	Oliver, Richard Perry	
A.B. 1948, The George Washington University		B.S. in F.S. 1949, Georgetown University	
Ogburn, Walter Shore, Jr.	Md.	Olmert, Robert Francis	D.C.
Ogden, Anna Grace	D.C.	Olmstead, Normand Henry	N.Y.
Ogden, David Pierce	D.C.	Olmstead, William Harris, Jr.	D.C.
B.S. in E.E. 1950, Union College and University		Olmsted, George Leavitt	Va.
Ogden, Joy McAtee	D.C.	Olney, Gwendolyn McKim	
Oglesby, Herbert Willis	Tenn.	Olsen, Peter Irving	Md.
Oglesby, Nicholas Ewing, Jr.	D.C.	B.S. 1939, Ohio University	
B.S. in Ch.E. 1943, M.S. in Ch.E. 1947, Rensselaer Polytechnic Institute		Olsen, William Robert	D.C.
Oglesby, Sam Walker	Ga.	B.S. 1949, Georgetown University	
Ogletree, James Maurice	Ga.	Olshaker, Thelma A.	N.Y.
O'Grady, Gerald Daulton, Jr.	Va.	B.S. 1947, Wilson Teachers College	N.D.
A.B. 1947, University of Dayton		Olshin, John Seymour	
B.S. in F.S. 1948, Georgetown University		Olson, Darwin Leander	Ohio
O'Hara, James Craig	D.C.	B.S. 1941, North Dakota Agricultural College	Md.
O'Hara, Joseph Patrick	Pa.	Olson, Margaret Harlan	Conn.
O'Hara, Joseph Patrick, Jr.	Minn.	Olson, Ralph Mead	
A.B. 1948, The George Washington University		Olson, Richard Lionel	
O'Hara, Robert Emmett	Va.	A.B. 1949, The George Washington University	Iowa
O'Hazza, Francis Edward	Pa.	Olson, Robert Glenn	D.C.
B.S. 1949, Pennsylvania State College		Olson, Sigvald Morris	
Ohralik, Karl Anthony	Ohio	A.B. 1948, University of Minnesota	Pa.
B.S. 1948, Ohio State University		Olsson, Frederick Joseph	Md.
Oikemus, Ernest	Mass.	B.S. in E.E. 1942, Purdue University	Va.
Oilschlager, Gerald Albert	Wis.	O'Neal, James David	N.Y.
Oishi, Masaichi	Hawaii	O'Neil, Benjamin Willison	D.C.
B.S. 1949, The George Washington University		O'Neil, Hazel Mae	
O'Keefe, George Aloysius	Mass.	O'Neil, Paul Taylor	
O'Keefe, Gisela	D.C.	B.M.E. 1939, Catholic University of America	Fla.
B.S. 1949, The George Washington University		LL.B. 1949, Georgetown University	Pa.
O'Keefe, Mary Frances	Pa.	O'Neill, Dorothy Virginia	D.C.
O'Keefe, Thomas Arthur	D.C.	O'Neill, Edward Joseph	
Okin, Barbara Hilda	D.C.	O'Neill, Nancy Katherine	Mass.
Okopinski, Charles Paul	Va.	A.B. 1941, Duquesne College	D.C.
Oktay, Husamettin Alsin	D.C.	O'Neill, Richard Francis	Md.
Olafson, Nancy Kay	Va.	O'Neill, Robert Daniel	Md.
Oland, Harold Bradley	D.C.	O'Neill, Robert Joseph, Jr.	D.C.
Olcott, Richard Norman	D.C.	Ong, Harry Alfred	N.J.
Olds, Mary Leland	Nev.	Ong, Phyllis Jean	
O'Leary, John Francis	Utah	Ontko, Jaroslav George	Pa.
A.B. 1950, The George Washington University		A.B. 1949, Columbia University	N.J.
O'Leary, Rawlin Eugene	Va.	Onufrak, John Joseph	Va.
O'Leary, Timothy Robert	D.C.	Opp, Blanche Morrison	Md.
Oleinik, John Richard	Pa.	Opp, William Russell	Ohio
Oleingski, Edward Joseph	D.C.	Oppenheimer, K. Gordon	Pa.
Olenick, P. J., Jr.	D.C.	Oppert, Donald Eugene	
Olesen, Donald Giddings	Pa.	Oran, Melvin	D.C.
A.B. 1943, Swarthmore College		B.S. 1949, University of Scranton	Ohio
Olexa, Elmer Emery	Pa.	Orantes, Cesar Augusto	
Olezy, Peter Thomas	Md.	Oravets, Leonard Francis	D.C.
B.S. 1939, Pennsylvania State College		B.S. 1950, Youngstown College	Va.
		Oreamuno, Diana Margarita	N.Y.
		O'Regan, William Vincent, Jr.	D.C.
		Orenstein, Herbert Hyman	
		Orleans, Haroldyn	



## 515

[illegible]

Page, Ryon Alender A.B. 1937, Wofford College	S.C.	Papamichael, Michael Damianos B.C.E. 1950, The George Washington University	Egypt
Pagter, Elizabeth Eugenia A.B. 1945, The George Washington University	D.C.	Papapetru, Mary Papaz, Elizabeth Constantina	Wis. D.C.
Pahl, Margaret Virginia Paulas, Themis Constantine B.S. in Eng. 1948, Washington University	Colo. Mo.	Papayianis, Elizabeth May Papazian, Simon Papazoglakis, Nicholas	Calif. D.C. D.C.
Paine, William Howard Painter, Margaret Hannah Pakis, Gloria Alexander	D.C. D.C. N.Y.	Papazoglou, Mary Pape, Robert Bruce A.B. 1949, The George Washington University	Conn. Va. D.C.
Palas, Manuel Paleologos, Peter Harry Paley, Henry David A.B. 1949, Antioch College	D.C. D.C. N.J.	Pappafotis, Spero John A.B. 1949, The George Washington University	W.Va.
Palkard, Daniel A. A.B. 1949, Alabama State Teachers College	Va.	Pappas, Angeline J. A.B. 1947, Salem College, W. Va. A.M. 1950, Boston University	Md. W.Va. D.C.
Pallansch, Elizabeth Ann Pallansch, Margaret Mary A.B. 1940, Trinity College	D.C. D.C.	Pappas, Arthur Thomas Pappas, James John Pappas, James Sophodes	D.C. N.Y.
Palmasani, Daniel Robert Palmatier, Arthur Loren Palmer, Arthur Andrew, Jr. B.S. 1948, University of Maryland	D.C. Pa. Va.	Pappas, Joseph Pappas, Leo Basil A.B. 1943, High Point College	D.C. D.C.
Palmer, Barber Clayton, Jr. A.B. 1950, Dartmouth College	Md.	Pappas, Stephen S. Paraskevas, John E.	Conn.
Palmer, Donald Dennis Palmer, George B.S. 1946, Georgetown University	Iowa Mass.	Pardee, Arthur Ellsworth, Jr. B.S. in F.S. 1949, Georgetown University	Maine
Palmer, James Albert Palmer, John Gilbert A.B. in Ed. 1949, The George Washington University	Wash. Md.	Pargellis, Paula Alexandra Ph.B. 1948, University of Chicago	D.C. D.C.
Palmer, Karl Gilbert B.S. 1941, Oregon State College	Va.	Parialo, Peter Joseph Paris, Henry Breckinridge, Jr. Parise, Carolyn M.	D.C. D.C.
Palmer, Richard Morgan A.B. 1950, Williams College	N.Y.	Parise, Carolyn M. A.B. 1946, Queens College	D.C.
Palmer, William David B.S. 1943, United States Coast Guard Academy	Va.	Park, Kenneth Luthrop Parker, Carlene Louise Parker, Cecilia McCallon Parker, Charles Hanko	D.C. D.C.
Palmes, Douglas Edward Palmieri, Alfred Frederick Palmquist, Patricia Jean Pammel, James Dana Pan, Lan B.S. 1950, Davidson College	Va. N.Y. Neb. D.C. China	B.S. 1942, Worcester Polytechnic Institute Parker, David Eric, Jr. A.B. 1950, The George Washington University	Tex. D.C. Va.
Panasakos, Charles Michael Panasewich, Walter Pandiscio, Nicholas Anthony B.S. in Ch.E. 1947, Northeastern University	Mass. D.C. Mass.	Parker, Harold Curtis Parker, Harold Earl B.S. 1932, United States Naval Academy	Md. D.C.
Panetheri, Robert Panizza, Louis Robert Pannek, Gerard Herbert Panneton, Jules Robert Panoß, Robert B.S. in E.E. 1942, Union College and University	N.Y. Va. Va. Va. D.C.	Parker, Harry Hughes Parker, James Franklia Parker, James Lewis Parker, Jane Montgomery Parker, Janice Carolyn Parker, Ienora Iverson Parker, Muriel Mary Parker, R. Elmo Parker, Rachel Tims Parker, Ralph Woodford A.B. 1930, Georgetown University	Pa. D.C. D.C. D.C. Va. W.Va. Ark. Md.
Pantalone, Edward John Panyaroun, Prasat Pan, Wen Nien A.B. 1925, University of Nanking, China	D.C. D.C. D.C.	Parker, Richard Dale, Sr. Parker, Ross Calvin, Jr. Parker, Ruth Taylor Parker, Sandra Parker, Thomas Henry Parker, William Everett Parkerson, Adrienne Sarafian Parkinson, Joyce Valeria	Md. Fla. Va. D.C. Md. Canada
Paolucci, Dominic Anthony B.S. 1944, United States Naval Academy	N.Y.		
Papa, Amelia Carbonell A.B. 1950, College of Mount St. Joseph	Philippines		
Papageorge, John Thomas	Ga.		

Students Registered

517

Parkinson, Kenneth Wells A.B. 1950, The George Washington University	Md.	Patterson, Gordon Alexander B.S. 1949, United States Naval Academy	D.C.
Parkinson, Robert Leslie	Ind.	Patterson, Helen Arcetsinger A.B. 1941, Fairmount State College	D.C.
Parkinson, Roger West	Md.	Patterson, John Edward	Tenn.
Parks, Albert Benning A.B. 1943, The George Washington University	Md.	Patterson, Joseph William	Iowa
Parks, Finley James, Jr.	Mass.	Patterson, Lawrence William, Jr. A.B. 1950, Florida State University	Fia.
Parks, Gordon Bennett B.S. 1920, United States Naval Academy	Mo.	Patterson, Phyllis Arnett A.B. 1949, The George Washington University	N.J.
Parks, James Theodore	Va.	Patterson, Roy Marion A.B. 1946, University of Texas	Va.
Parman, Nora Jean	Ohio	Patterson, Virginia Ethel	D.C.
Parmer, Margaret Anne A.B. 1950, The George Washington University	D.C.	Patterson, William Strong A.B. 1940, Erskine College	D.C.
Parmy, Dorothe Alexandra	D.C.	Patterson, Florence Elaine	Va.
Parsonage, Simplico Cuyno, Jr.	Va.	Pattison, Hubert Allen B.S. 1950, Michigan State College	Md.
Parish, James Sherwood	N.Y.	Pattison, William Hoffman, Jr.	Md.
Parish, John L.	Va.	Patton, Arthur Gordon A.B. 1946, Yale University	Va.
Parrott, John Aubrey	N.Y.	Patton, John Strohm B.S. 1941, University of Southern California	Calif.
Parrott, Robert George	Va.	Patton, Louis Edward	D.C.
Parry, Alice Caine	Md.	Patton, William Kenneth	Miss.
Parry, James Davidson A.B. 1950, The George Washington University	D.C.	Patton, William Wallace, Jr. A.B. 1945, M.S. 1948, Cornell University	D.C.
Parry, Muriel Hope A.B. 1946, University of Illinois	N.Y.	Patty, William Keith B.S. 1940, Ball State College	Ind.
Parrell, David Edward	Md.	Patur, Myrette Corinne	Ill.
Parsons, Francis Alan	Va.	Paul, Albert Franklin III	Md.
Parsons, John Allen	Va.	Paul, Alvin Wilson	N.Y.
Parson, Franklin Ambrose	Va.	Paul, Beth Kocour	Va.
Parson, Francis Lorrain	Md.	Paul, Charles Bennett A.B. 1949, The George Washington University	Va.
Parvin, Richard Horace B.A.E. 1949, Alabama Polytechnic Institute	Md.	Paulute, Edward Wiltse A.B. 1942, Hampden-Sidney College	Va.
Pasamanick, Leonard Daniel	N.Y.	Paul, M. 1943, University of Maryland	W.Va.
Pasbach, Lawrence R.	Md.	Pauley, Kellum Damon A.B. 1950, Morris Harvey College	Pa.
Pasch, Edward Constantine Boris	N.Y.	Paulisch, Eugene Bernard A.B. 1949, The George Washington University	D.C.
Pasch, Oliver Henry	Va.	Paulson, David	D.C.
Pasch, Joseph John	Va.	Pawley, John Frederick	Mo.
Pascale, Matthew Richard	N.I.	Pawley, Lawrence Kenneth	N.J.
Pasie Peter John	Pa.	Pawley, Edward J. Poucher	Va.
Pasernak, Robert A.B. 1948, University of Wisconsin	Mass.	Payne, Claude Vivian	Ind.
Pasernak, Stephen	Md.	Payne, Francis Melas	Va.
Pasolunza, Ralph Babcock B.S. 1944, California Institute of Technology	W.Va.	Payne, Francis Xavier	Md.
Pasch, Robert John B.S. 1948, University of Michigan	N.Y.	Payne, Howard White	D.C.
Pate, Fanny Nell	D.C.	Payne, John William	La.
Paton, Bernard Leonard A.B. 1950, The George Washington University	D.C.	Payne, Leonard Haglston, Jr.	Md.
Patt, Andrew Jeremiah B.S. 1926, Sumner College	D.C.	Payne, Robert Romeo A.B. 1941, Shepherd College	W.Va.
Patten, Stanley Fletcher, Jr. B.S. 1949, M.S. 1950, The George Washington University	D.C.	Payne, Stanley Roscoe	Md.
Patterson, Carrie Elizabeth	Va.	Payne, William Dashi A.B. 1949, University of Maryland	D.C.



Payne, William Lyle P.R.E. 1950, Colorado School of Mines	Colo.	Pence, Donald Charles B.S. 1943, United States Military Academy	Md.
Peachey, Robert Paul	Tex.	Pence, Grace Alice	D.C.
Peacock, Jack Travis	Va.	Pence, Virgil Lewis	Ark.
Pear, Leon	D.C.	Pendell, Martha Jane	Va.
B.S. 1947, University of Maryland		Pendergast, Charles William	W.Va.
Pear, Vivian Charlotte	D.C.	Pendergast, Edward Henry, Jr.	D.C.
Pearce, Donald Joslin	D.C.	Pendleton, Edmund E., Jr.	
Pearce, Ira Hersey	Fla.	B.S. 1942, University of Pennsylvania	
Pearce, James DeRemor III		LL.B. 1948, The George Washington University	Md.
A.B. 1949, The George Washington University		Pendleton, Edmund Elliott	D.C.
Pearce, James Donald	N.J.	Pendleton, George Cassity	
Pearce, Marjorie Lou	Md.	B.S. 1942, University of Maryland	Va.
Pearcy, Klyne Francis	Mo.	LL.B. 1949, Georgetown University	D.C.
A.B. 1950, University of Miami		Penland, Floyd Malcolm	Miss.
Pearse, Adelede Eugenia	N.Y.	Pennington, John Byron	Va.
A.M. 1944, University of Michigan		Pennyan, Lola	W.Va.
Pearson, Chester Charles, Jr.	Md.	Pentecost, Richard Livingston	Ill.
Pearson, Clarence Leonard	D.C.	Pepper, Hobart Garrett	Pa.
Pearson, Eli Allan	N.Y.	Peppers, Richard Langford	
A.B. 1950, Syracuse University		Perce, Legrand Winfield	
Pearson, Ellsworth Carl	Minn.	A.B. 1950, The George Washington University	N.C.
Pearson, Joe Morgan	Md.	Perdue, Robert Williamson	
B.S. 1941, Northeastern State College	Va.	A.B. 1948, LL.B. 1950, University of North Carolina	Colombia
Pearson, Robert William	Ill.	Perea, Alfonso	Md.
Pearson, Vera Maxine	N.J.	Perenich, Guy Nicholas	
Peartree, Frank Theodors		A.B. 1949, University of Notre Dame	Md.
A.B. 1949, William Jewell College	N.J.	Perenich, Margaret Lucy	D.C.
Peartree, Jennie Ponular	Fla.	A.B. 1945, Trinity College	D.C.
Pease, James Augustus	Ohio	Perera, Ana Maria Moya	
Peaslee, Patricia Dorothy		Perez, Frank Herbert	
B.S. 1917, University of Cincinnati	D.C.	A.B. 1949, The George Washington University	D.C.
Peatross, Robert Mason	Iowa	Perez, Horace Hugo	
Peck, Millard, Jr.	D.C.	B.S. 1946, Louisiana State University	D.C.
Peck, Richard Lee		Perez, Jorge Ram6n	
A.B. 1950, Catholic University of America	D.C.	B.S. 1949, The George Washington University	Md.
Pecot, Rebecca Koonce	Minn.	Perez, Louis Vincent	Puerto Rico
Pederson, Harold Edward	D.C.	Perez-Vega, Arnaldo	N.Y.
Peedin, Edgar Wilbur	D.C.	Perkett, Emile Elmer	Va.
Peeler, Carolyn Rae	Va.	Perkins, Barbara Ann	D.C.
Peeler, Helen Virginia		Perkins, Herbert Thomas	
B.S. 1950, Wilson Teachers College	D.C.	Perkins, Mark Edward	
Peebles, Irving Warren		Perlick, Stanley Anthony	Israel
A.B. 1950, The George Washington University	Pa.	B.S. 1950, Wilkes College	Tex.
Peifer, William Houston	S.D.	Perlman, Elisheya	D.C.
Peimann, Esther Elizabeth	D.C.	Perlman, Robert Ensor	
Pelham, David Elliot		Perna, Louis Robert	
B.S. 1931, Tufts College	D.C.	A.B. 1950, The George Washington University	D.C.
Pelikan, Robert Grant	D.C.	Perriens, Matthew Phillip	Md.
Pell, Arthur Jack	Va.	Perrill, Howard Scott	D.C.
Pelletier, Albert Joseph, Jr.	D.C.	Perros, George Peter	
Pelletier, Avila A.	Mo.	A.B. 1940, The George Washington University	D.C.
Pelletier, Paul Moran	Pa.	Perros, Theodore Peter	
Pelnoter, Albert Leon		B.S. 1946, M.S. 1949, The George Washington University	Va.
A.B. 1949, University of Pennsylvania	Minn.	Perrott, Thomas Andrew	Va.
Peltier, Corinne Cecilia	Md.	Perrott, Virginia Marie	Va.
Pelto, Victor Hugo	Ill.	Perruzzi, John	
Peltzer, Vernon Amos		Perry, Albert McLees	D.C.
A.B. 1941, De Pauw University	Minn.	A.B. 1942, The Citadel	D.C.
Pemberton, Henry Walter		Perry, Bernard Regardie	Va.
A.B. 1947, Amherst College	Md.	Perry, Beverly	
Pembleton, William Charles	Puerto Rico	Perry, David Phillips	
Pena, Rafael Hector	D.C.	B.S. 1948, Bethany College	
Penaberrera, Ayenta Mary	D.C.		
Penaranda, Raul Alberto	D.C.		
Pence, Carrie Rebecca	D.C.		

# Students Registered

519

Perry, Dorothy Frank	N.Y.	Petruska, Josephine Anne	D.C.
Perry, Elena Victoria	D.C.	Petroutsa, Stella D.	D.C.
A.B. 1948, Hunter College		Petschke, Everett J.	Va.
Perry, Grady, Jr.	Ala.	Pettigrew, Jamie Lucille	D.C.
Perry, John Kenneth	Colo.	A.B. 1947, The George Washington	
Perry, Olive Violet	D.C.	University	
Persaud, Robert Charles	Miss.	Pettie, Charles Albert	Md.
Persaud, James	D.C.	Pettit, Don Gene	D.C.
Perschuck, Helen Mae	D.C.	Pettit, Hugh Wilbur	Va.
Pershing, Gloria Isabel	Md.	Pettus, Francis Cornelison	D.C.
Person, Vernon James	D.C.	A.B. 1930, University of Hawaii	
A.B. 1950, The George Washington		Petty, James Spilman	Va.
University		Petty, Philip Lee	Ga.
Persson, Norman Edward	Md.	Petty, Virginia Anne	N.C.
Pesansky, John	D.C.	Peucker, Ralf George	D.C.
Peschau, Elmer Franklin	Ill.	Peyton, Levie Earl, Jr.	N.C.
Peskind, Sarah Ruth		A.B. 1950, East Carolina Teachers	
A.B. 1950, The George Washington		College	
University		Peyton, William Halliday	Va.
Pess, Louis	N.Y.	Pfahler, Robert Duvall	D.C.
B.S. 1938, College of the City of		B.M.E. 1938, The George Washington	
New York		University	
Peteras, Ray Anthony	Pa.	Pfeferstein, Melvin Gerald	N.J.
A.B. 1949, The George Washington	D.C.	Pfeifer, Joseph William	N.J.
University		Pfeiffer, Carol M.	N.J.
Peters, Clarence Oswald	W.Va.	Pluntner, Carl Herman	Fla.
A.B. 1949, Marshall College		A.B. 1948, The George Washington	
Peters, Harrietta Sinclair	Va.	University	
B.S. 1945, Madison College		Phelan, Catherine Elizabeth	Wyo.
Peters, John Earl	D.C.	A.B. 1938, Clarke College	
A.M. 1924, West Virginia University		Phelan, Charles Scott	N.Y.
Peters, John Olen, Jr.	Va.	B.S. 1949, Pennsylvania State College	
Peters, Julius Melyin	Md.	Phelan, Patrick John	Ariz.
A.B. 1938, A.M. 1942, The George		Phelps, Allen Warner	D.C.
Washington University		Phelps, Harold Lloyd	W.Va.
Peters, Margaret Eliza	N.Y.	Phelps, Warren Francis	D.C.
A.B. 1931, Wilton College		Phelps, William Wendell	Calif.
Petersen, Stanley Wilhelm	N.Y.	A.B. 1948, The George Washington	
A.B. 1942, The George Washington		University	
University		Pherson, John Randolph	Va.
Petersen, Vivian W.	Md.	A.B. 1948, The George Washington	
Peterson, Arnold Leonard	Md.	University	
B.S. 1950, Kent State University		Phifer, Jean Kitchin	Md.
Peterson, Charles Clinton	Va.	A.B. 1927, Lynchburg College	
Peterson, Charles David	Maine	Philipp, Paul	D.C.
A.B. 1942, Harvard University		Philips, Phyllis Jane	Md.
Peterson, Edgar Francis, Jr.		Phillipson, Bruce Glueck	D.C.
Peterson, Elinor Anne	Va.	B.C.E. 1948, Catholic University of	
Peterson, George Conrad	Va.	America	
B.S. 1949, University of Maine		A.M. 1950, The George Washington	
Peterson, George Konstantinos	N.C.	University	
Peterson, Harold Emanuel	Maine	Phillip, Raymond James	Va.
Peterson, Harvey Wayne	D.C.	Phillips, Clinton A.	Va.
Peterson, Marion Rucker	D.C.	Phillips, Elizabeth Talbot	Va.
Peterson, Milton Maurice	Va.	Phillips, George Washington	Pa.
B.S. 1949, Central Michigan College		Phillips, Joan Marie	Va.
of Education		Phillips, Kenneth Robert	Mich.
Peterson, Nad A.	Utah	Phillips, Laura Marley	D.C.
A.B. 1950, The George Washington		B.S. 1951, The George Washington	
University		University	
Peterson, Robert Hilding		Phillips, Lawrence Vince	D.C.
Peterson, Robert Homer, Jr.	Minn.	A.B. 1949, The George Washington	
Petkovich, Samuel	N.C.	University	
Peto, John	Ohio	Phillips, Mary Jane	Va.
B.S. 1947, College of the City of	N.J.	B.S. 1944, University of Pennsylvania	
New York		Phillips, Neill	D.C.
Petr, Emily Elizabeth	D.C.	B.S. 1924, United States Naval	
Petrato, Elena Inez	D.C.	Academy	
Petri, Albert Anthony	D.C.	Phillips, Olie Harmon	D.C.
Petrofino, James Stuart	N.Y.	Phillips, Paul Richard	D.C.
		A.B. 1947, University of California	
		Phillips, Pauline Grace	D.C.

Phillips, Robert Lewis	Calif.	Pine, Donald Kay	Va.
Phillips, Robert Terry	N.C.	A.B. 1949, The George Washington University	
Phillips, Samuel Forrest, Jr.	Ala.		Md.
Phillips, Sarah Frances	Md.	Pineau, Roger	Md.
Phillips, Warren Dale	W.Va.	A.B. 1942, University of Michigan	
Pinney, Alan Yardley	Va.	Pinion, Jack Andrew	Mass.
A.B. 1949, The George Washington University		B.S. 1938, University of Nebraska	Md.
Phoebus, Ione Stone	Md.	Pinkham, Fabian	Kans.
Phythian, Harold Raymond	Pa.	Pinkham, Richard Collins	
Piatte, Monique Theresa	France	B.S. 1948, Northeastern University	
Picciariello, Harry John	N.Y.	Pinks, Robert R.	Fla.
Picciano, Eugene Michael	D.C.	B.M. 1936, Southwestern College	N.J.
A.B. 1948, The George Washington University		A.M. 1946, University of Maryland	D.C.
Pichardo, Mario Ventura	D.C.	Pinkster, Patricia Ann	Va.
Pickens, Homer C., Jr.	N.M.	Pinsker, Robert David	
Pickering, Woodrow Harold	Ohio	Pinsky, Sidney	N.H.
A.B. 1950, Ohio State University		Piper, Glenn C.	
Pickett, Jack Milton	Va.	B.S. 1950, Pennsylvania State College	
A.B. 1950, The George Washington University		Pipilas, Efthimios Costas	D.C.
Pickett, Wilbur Crafts, Jr.	Md.	B.S. 1950, University of New Hampshire	D.C.
Pickler, William Claude, Jr.	Md.		D.C.
Pinner, Shirley Dolores	D.C.	Piquet, Dorothy Vanna	D.C.
Piszak, Walter Alfred	D.C.	Prilla, Genese Vincent	Puerto Rico
A.B. 1949, Wilkes College		Pisani, Shirley Feldman	
Pida, Josephine Boivin	Va.	Pisanski, Peter Paul	D.C.
Pidgeon, Joseph William	N.Y.	B.S. 1949, Georgetown University	Va.
Pie, Robert S.	Va.	Pistone, Joseph Vincent	
Pierce, Barbara L.	Pa.	Pitkin, Jane Kelsey	Va.
Pierce, Geraldine Marie	D.C.	B.S. 1930, Columbia University	La.
Pierce, James Baker	Mich.	Pisman, Elmer Clarence	Ill.
B.S. in E.E. 1943, University of Michigan		Pire, Barbara Faye	Va.
Pierce, John Roderick	Md.	Pitt, Harry	D.C.
Pierce, Olivia Baules	Va.	Pitt, Mary Libeau	
A.B. 1950, The George Washington University		Pittenger, John Orrin	D.C.
Pierce, Talmadge Burton, Jr.	Va.	A.B. 1943, LL.B. 1948, Pennsylvania State College	Fla.
Pierre, Raymond Grant	Va.		Fla.
Pietras, Chester Joseph	Mass.	Pittle, Victor	Fla.
B.S. 1950, The George Washington University		Pittman, Alton Rudolph	S.C.
Pietrowski, Chester Alphonse	N.Y.	Pittman, Henry Byron	D.C.
B.S. 1949, Georgetown University		Pittman, Joan	
Pigg, Beverly Millard	Va.	Pittman, Robert Julian	Ohio
Pike, Doris	D.C.	A.B. 1950, The George Washington University	Va.
Pilch, Anthony Felix	Pa.	Pitto, Denver Collyn	
Pileggi, Joseph	Md.	Pitte, Marion Arthur	D.C.
Pilkerton, Francis Clayton	Md.	A.B. 1947, University of Virginia	
Pillow, David James	Tex.	Piver, Julius Samuel	N.Y.
B.S. 1950, Texas Christian University		B.S. 1948, The George Washington University	
Pilon, Rudolph Joseph	D.C.		
Pilzer, Gertrudine Fogel	D.C.	Pizer, Samuel	D.C.
Pimentel, Ralph Lebron	Puerto Rico	A.B. 1943, The George Washington University	N.H.
A.B. 1950, The George Washington University		Pizza, Harry Joseph	
Pinch, Edward Thomas	Fla.	Plante, Norman Anthony	D.C.
Pinching, Ellen Marie	D.C.	A.B. 1950, University of New Hampshire	R.I.
Pincus, Arthur	D.C.		
A.B. 1948, The George Washington University		Plaskett, Anne Elizabeth	Iowa
Pincus, Saul	N.Y.	Plasse, Maurice Benoit	D.C.
B.S. 1941, College of the City of New York		A.B. 1949, University of Maryland	N.Y.
Pincus, William	N.Y.	Platt, Frank Leslie	
A.B. 1941, Brooklyn College		Platt, Ruth Elizabeth	
A.M. 1948, American University		Platto, Leon	
Pindell, William Hamilton, Jr.	D.C.	A.B. 1937, Brooklyn College	N.Y.
		A.M. 1950, The George Washington University	Va.
			D.C.
		Plawsky, Seymour	
		Pleasants, John Franklin	Fla.
		Pletcher, Ralph Weldon	Pa.
		B.S. 1948, University of Maryland	D.C.
		Plotkin, Leonard	
		Plotkins, Sally	
		Plouffe, Claire Lucille	



# Students Registered

521

Pluge, Frederick William	D.C.	Poole, Robert Smallwood	D.C.
Plumb, Francis Waring	Ga.	A.B. 1952, The George Washington University	
Plumb, Robert Johnston, Jr.	D.C.	Pooley, William Hutt	N.J.
A.B. 1949, A.M. 1950, University of North Carolina		Pooser, Roberta Kathleen	Ga.
Plumb, Rosemary Dengler	D.C.	Pope, Fannie Fairchild	Colo.
A.B. 1944, University of Rochester		Pope, James Sterling	MD
A.M. 1948, The George Washington University		Pope, Patricia Evelyn	D.C.
Plumpton, Vincent William	D.C.	B.S. 1949, The George Washington University	
Plyer, Alfred Hutchinson	Tex.	Popham, James Edward	Va.
B.S. 1948, Rice Institute		Popper, Robert David	N.Y.
Plyer, Betty Lou Robinson	Md.	Poritzky, Estelle	N.Y.
Plyer, Charles Herbert, Jr.	Fia.	Porto, Anita Rose	N.Y.
Plymyer, Ray Earl	Pa.	Porto, Ralph Anthony	N.Y.
B.S. 1948, Pennsylvania State College		A.B. 1950, The George Washington University	
Poage, Jack Pat	W.Va.	Port, Bennett Edward	N.Y.
B.S. 1949, West Virginia University		A.B. 1947, Syracuse University	
Poch, Donald Richard	D.C.	Porter, Bennet Allen, Jr.	Md.
Poch, Martin Carl	Va.	Porter, Betsy Goodloe	D.C.
A.B. 1924, Concordia College, Ind.		Porter, Jack B.	Wash.
B.D. 1926, Concordia Theological Seminary		A.B. 1949, Gonzaga University	
Podolski, Gerald Anthony	D.C.	Porter, Mable Mae	D.C.
Poe, Warren Clayton	Md.	Porter, Ross George	D.C.
Poe, William Elias	N.Y.	Portasheli, Alice Antoinette	Va.
A.B. 1937, Brooklyn College		Porterfield, Marguerite K.	Va.
Poff, Sylvester Eugene	D.C.	Porterfield, Robert James	Va.
Powiny, Irma	Ohio	Portmess, Raymond Arthur	D.C.
Povodinski, Theodore Chester	D.C.	Portnow, Seymour	N.Y.
Pokras, William Morris	D.C.	B.S. 1949, College of the City of New York	
B.S. 1948, University of Wisconsin		Portuguese, Leonard Kenyon	N.J.
Polak, Phyllis Rova	D.C.	Postwine, Ralph Samuel	D.C.
Poland, Edward Loud	Maine	Posada, Jeanne Anderson	D.C.
Polansky, John, Jr.	Pa.	A.B. 1945, A.M. 1947, University of Wisconsin	
Polanshuk, Stephen	Pa.	Post, Benjamin William	D.C.
Poles, Samuel William	D.C.	Postansky, Rosalee Lucille	Mo.
B.S. 1947, University of Pennsylvania		Post, Martin	N.Y.
Polk, Helen Ruth	Pa.	Post, Beverly Suzanne	D.C.
Pollack, Solomon Leonard	Ohio	Post, William Schaefer, Jr.	Calif.
B.S. 1936, College of the City of New York		Postal, Evelyn Michael	D.C.
Pollak, Julian Albert, Jr.	Ohio	Postman, Martin Samuel	D.C.
A.B. 1946, Middlebury College		B.S. in E.E. 1946, Virginia Polytechnic Institute	
Poland, John Ray	Del.	Poston, Mer Ray	Va.
Polin, Albert	D.C.	B.S. 1942, University of Chattanooga	
Polin, Irvin	D.C.	Poston, Robert Rolland	Va.
B.A.E. 1945, M.S. 1946, Catholic University of America		B.S. 1944, State University of Iowa	
Pollack, Clarence Foster, Jr.	D.C.	Potter, Holbrook Louis	D.C.
B.S. 1946, United States Naval Academy		Potter, Margaret Jane	D.C.
Pollack, Vivian Levy	N.Y.	Potter, Philip Nelson	D.C.
Pomerantz, Leonard Hyman	D.C.	Potter, Ralph Edward	D.C.
Pomeroy, Jerome Raphael	N.J.	B.S. in M.E. 1945, The George Washington University	
Pond, Ben Chemistry	N.Y.	Porter, Samuel Clark, Jr.	Pa.
Pond, Hattie Linwood	Maine	Porter, Stanley Forene	W.Va.
B.S. 1942, University of Michigan		Porter, Thomas Kelly, Jr.	Tenn.
M.S. 1948, The George Washington University		Porter, Thomas Wilboughby, Jr.	Ill.
Ponds, Richard Terrimah	Md.	B.S. in Ed. 1947, Eastern Illinois State Teachers College	
Pons, Dell Arthur	Ill.	Potts, Barbara Jean	Va.
Pons, James Thomas	D.C.	B.S. 1949, Eastern Illinois State Teachers College	
Ponton, Ruth V.	Va.	Potts, Edward Andrew	Pa.
B.S. 1947, Virginia State Teachers College		A.B. 1949, University of Michigan	
Poole, Chester Hyle	D.C.	Potts, Edwin Hammond	Va.
Poole, Jacqueline	D.C.	A.B. 1941, University of Mississippi	
A.B. 1941, Mary Baldwin College		A.M. 1949, Colorado State College of Education	
Poole, John Davis	Md.		
B.S. 1949, University of Maryland			

Founder, Isabelle Conmee	Va.	Preston, Shirley Andrew	Md.
Pournaras, Stephen William	R.I.	A.B. 1950, The George Washington University	D.C.
A.B. 1942, Brown University	Iowa	Preston, Walter Hailan	D.C.
Poush, Loren Boyd	N.J.	Prete, Lucy Theresa	Va.
Powdermaker, Paula Claire	Colo.	Price, Archie Boyce	Md.
Powell, Charles Lee	Md.	Price, Charles William	Calif.
Powell, James Henry	D.C.	Price, Curtis Lee	N.Y.
B.S. 1950, Georgetown University	D.C.	Price, Edward James	Va.
Powell, John Frederic	D.C.	Price, Edwin	
Powell, Margaret Appel	D.C.	Price, Elizabeth	
Powell, Orman Sidney		A.B. 1941, Columbia University	N.Y.
Powell, Sally Lou		A.M. 1944, University of Minnesota	Va.
A.B. 1912, Georgia State Woman's College	D.C.	Price, Elsa Louise	Md.
Powell, William Alfred	N.Y.	Price, George Bradley	Va.
Power, Andrew Paul		Price, Helen Vera	Tenn.
A.B. 1947, The George Washington University	W.Va.	Price, Hoyt Glenn	Idaho
Powers, Carolyn Isabelle	Conn.	Price, James Travis	Nev.
Powers, John Thomas		Price, Josiah D.	Va.
B.S. in F.S. 1949, Georgetown University	D.C.	Price, Milo V.	D.C.
Powers, Lester Alvis	D.C.	Price, Ralph Louis	
Powers, Marilyn Rischpater	D.C.	Price, Robert Nelson	D.C.
Powers, Naomi Croel	D.C.	A.B. 1948, Haverford College	Conn.
B.S. 1949, Michigan State College		Price, Roger Carson	D.C.
Powers, Richard Lawrence	Ill.	Price, Roy Warren	N.Y.
Powers, William Joseph	Va.	Price, Ruth Hitchcock	
A.B. 1948, The George Washington University	Ohio	Price, Saul	
Powers, William L.		B.S. 1939, College of the City of New York	D.C.
A.B. 1920, Princeton University	N.J.	Price, Thomas Humphrey	Mo.
Poznak, Janet Tumerkin	N.J.	Price, Walter Withrow, Jr.	Md.
Poznak, Morton	N.Y.	Price, Zabeth Miller	N.Y.
Prach, John Stanley	Va.	Priest, Gilbert Lyman	Iowa
Prack, Carl Walter	D.C.	Primose, Russell Adrian	Va.
Prather, Alice Carleen	Ill.	Primse, Ann Conietta Rizzo	Tex.
Pratt, Curtiss Robert		Pringle, John Dixon	W.Va.
A.B. 1900, The George Washington University	Mass.	Printz, Charles Francis	
Pratt, Kenneth William		A.B. 1940, Shepherd College	Va.
A.B. 1949, Clark University	Md.	A.M. 1942, West Virginia University	Md.
Pratt, Ray Chase, Jr.	Va.	Pritchard, Robert Linton	D.C.
Pratt, William Leonidas	Tex.	Probst, Richard Harvey	
Pravel, Bernarr Roe		Procaccino, Joseph Anthony	
B.S. in Ch.E. 1947, Rice Institute	D.C.	A.B. 1943, College of the City of New York	Iowa
Prencipe, Leonardo	D.C.	Proctor, Arthur Edwin	D.C.
Prencipe, Nicholas Vincent	D.C.	Proctor, Patricia Lee	Md.
B.S. 1950, The George Washington University		Proctor, Thomas	Md.
Prendable, Jack Joseph	Md.	Profeta, Philip Peter	
Prendergast, Anne Louise	Md.	Projector, Dorothy South	Pa.
Prendergast, James Francis	Pa.	A.B. 1943, Southwestern College	D.C.
A.B. 1912, Lafayette College		Prokarym, Rosalie Marie	
Prentzel, Harold Thompson, Jr.	Pa.	Proudley, Georgia Erwin, Jr.	Greco
Prescott, Charles	D.C.	B.S. 1948, University of Maryland	N.Y.
A.B. 1940, University of Miami	N.Y.	Protonotarios, Stylianos Demetrios	
Presler, Robert Delos	N.Y.	B.S. 1950, Warner College	
Press, Joel Jay	D.C.	Prounis, Theodore Otto	
Pressman, Joyce Ann	Tex.	B.S. 1949, M.S. 1950, Columbia University	D.C.
Presson, Homer Kent		Provenzio, Anita	Ohio
A.B. 1910, Texas Technological College	N.C.	A.B. 1938, University of New Mexico	D.C.
LL.B. 1940, Georgetown University		Pruden, John Stephen	Kans.
Preston, Edith Lois		Pruett, Mary Evelyn	
B.S. 1911, North Carolina State Teachers College		Pruitt, Lincoln Darrell	
A.M. 1941, New York University	Tex.	B.S. 1950, Kansas State Teachers College	Ill.
Preston, Joe Tom	Iowa	Pruitt, William Richard	Canada
Preston, Lenais Todd, Jr.	N.Y.	Pruneau, Solance Anne Marie	D.C.
Preston, Martha Claudia		Pruneau, Victoria Suzanne	Md.
Preston, Rita Marie		Pruner, Charles Beaver, Jr.	D.C.
		Prusch, Stanley	Md.
		Prussing, Marjorie Maughlin	
		Pryor, Mary Leah	

[illegible]



Ragsdale, Gerald Hamilton	Mont.	Rapp, Raymond Edward, Jr.	D.C.
A.B. 1928, University of Montana		B.S. 1948, The George Washington University	D.C.
Rais, Edward Clement	Va.	Rappaport, Bernard Raymond	Va.
Raisbourn, Charles Nathaniel	D.C.	Rapport, Michael Brandies	Md.
Rainard, Hiram Hubert	Mass.	Rarig, Lloyd Corneal	Pa.
Rainey, Billie Jean	Okla.	A.B. 1950, University of Alabama	
Rainey, Samuel Charles	Va.	Raring, Frederick William	N.Y.
B.S. 1946, Virginia Polytechnic Institute		B.S. 1949, Lehigh University	
Ramey, Victor Lawrence	Idaho	Raskin, Herbert	
Ramsbury, Robert Charles	D.C.	B.S. 1937, College of the City of New York	
Rapala, William Berhardt	Md.	LL.B. 1949, New York University	Md.
Rakha, Yousef Bahgat	Egypt	Rasmussen, Frank Joseph	D.C.
Ralston, Donald McKenzie	Calif.	B.S. in M.E. 1949, University of Illinois	
B.S. 1947, University of Michigan		Rassier, Richard Francis	
Rambos, Lewis William	Md.	Ratagick, Ann Elizabeth	
B.S. 1947, California Institute of Technology		A.B. 1950, Alabama State Teachers College, Florence	Ala.
Ramee, John	Mo.	Ratchford, Jean McNeil	Ohio
B.S. 1944, United States Naval Academy		A.B. 1949, University of Texas	
Ramey, Ralph Lester	Ky.	Rath, Robert Karl	
B.S. 1945, United States Naval Academy		LL.B. 1950, The George Washington University	Ind.
Ramirez De Arellano, German	Puerto Rico	Rathfon, Robert Edwin	N.Y.
Ramirez De Arellano, Jodge	Puerto Rico	B.S. in A.E. 1948, Purdue University	
Ramirez, Jose Angel	D.C.	Ratner, Ann Rachel	Ill.
Ramas, James Mariano	Va.	A.B. 1943, Bryn Mawr College	
Ramos-Lopez, Paloma	Puerto Rico	Rauch, Margaret Leila	Va.
Ramsey, A. Elizabeth	D.C.	B.S. 1938, University of Illinois	
Ramsay, Gwendolyn Clare	N.Y.	Raum, Jack Ronald	Nebr.
A.B. 1950, The George Washington University		Rawlings, John Birkner	
Ramsay, John Robert	Md.	B.S. 1936, United States Naval Academy	
Ramsey, Elvise Ellen	Pa.	M.S. 1941, Massachusetts Institute of Technology	
Ramsey, Louise Elaine	D.C.	B.S. 1950, Rensselaer Polytechnic Institute	D.C.
Ramsey, Walter Andrew	Ohio	Rawlings, Joseph Edwin, Jr.	
A.B. 1947, A.M. 1939, University of Cincinnati		A.B. 1950, The George Washington University	Md.
Rand, Alice Marion	MI.	Rawsley, George William	D.C.
A.B. 1945, Wellesley College		Rav, Christopher James	
Randall, Berneta Kellinger	Mich.	Ray, Donald Page	
A.B. in Ed. 1948, The George Washington University		A.B. 1941, University of Colorado	
Randall, Conchard Stanley	Md.	A.M. 1947, The George Washington University	
Randall, Dulcie Tester	D.C.	Ray, Hardy Murfree, Jr.	
Randall, Frederick Crawford	Va.	Ray, Mary Therese	
A.B. 1948, Municipal University of Omaha		A.B. 1948, Trinity College	
Randall, Richard Rainier	D.C.	Ray, Russell Jackson	
A.B. 1949, A.M. 1950, The George Washington University		Rayman, Morey Arnold	
Randall, Robert Henry, Jr.	D.C.	Raymond, Barbara June	
B.C.E. 1941, The George Washington University		Raymond, Earl Alfred	
Randle, Eleanor Fuller	Ky.	Raynore, William Louis	
Randolph, Edward Dale Appleton	Va.	Re, Anthony John	
Randolph, James Harrison	Va.	Rea, John Hayden	
B.S. 1946, University of Tennessee		Rea, Pace	
Randolph, John Lewis	Va.	Read, Ann Elizabeth	
Rankin, Annie Laurie	Miss.	Read, Beryle Roosevelt	
A.B. 1944, Hollins College		Read, Draper Peyton	
Ransom, John Snow	Va.	B.S. 1950, Northwestern University	
B.S. 1947, University of Colorado		Reagan, Daniel Francis, Jr.	
Ransom, Richard Burtus	Va.	Rengan, James Erwin	
Ranvier, Gilbert Louise	D.C.	LL.B. 1950, The George Washington University	
Rapacz, Edwardus	Md.	Reardon, Barbara Ellen	
Rapisardi, Salvatore	D.C.	A.B. 1948, University of Washington	
Rapp, Eleanor Elizabeth	D.C.	Reardon, Phyllis Underwood	
Rapp, Mary Ruth	Ohio	A.B. 1950, College of William and Mary	
B.S. 1934, Indiana University		Rearick, Anderson Malvin, Jr.	
Rapp, Paul Herbert	Mo.	B.S. 1949, Wheaton College	
A.B. 1947, University of California			
LL.B. 1949, Washington University			

# Students Registered

525

Reaves, John Harold B.S. in E.E. 1943. West Virginia University	D.C.	Reaser, Ethel Arlene A.B. 1936. Goshen College	Oreg.
Rebeck, William M.S. 1948. University of Maryland	N.Y.	Reeves, James Haynes B.S. 1937. United States Military Academy	Colombia
Rebello, Fernando Pessoa A.B. 1939. Harvard University	Puerto Rico	Reeves, Robert Gruer M.S. 1930. Stanford University	Va.
Reck, Michael Pierce	D.C.	Rehan, John Vincent B.S. 1930. Tufts College	Mass.
Reckeweg, Frederick Vernon B.S. in M.F. 1948. Purdue University	N.Y.	Reus, John Timothy Reigna, Frank	Md.
Redd, William Marshall, Jr. B.S. 1942. A.M. 1949. University of Maryland	Va.	Revidor, Robert Rehkop, Anna Jean	D.C.
Redington, John Martin B.E.E. 1930. Catholic University of America	Md.	Reiden, Edward Morton Reidow, Estelle Vernon	N.I.
Redman, Josephine Louisa Redman, William Clayborne, Jr. Redfield, Adele Price A.B. 1931. A.M. 1946. The George Washington University	Pa.	Reid, George Bernard Reid, George Earl Reid, John Francis Reid, Joseph Bernard A.B. 1936. The George Washington University	Calif.
Rehner, William B. Rugar Reidner, Paul Rood Reidner, Edwin Snoker Reider, Welfred Morton Reidman, James Russell A.B. 1930. Shepherd College	N.J.	Reid, Paul Samuel B.S. in E.E. 1944. Virginia Polytechnic Institute	D.C.
Reidman, Charles Bernhardt, Jr. Reidman, Gertrude Reidman, Louis C. Jr. B.E.E. 1944. Tufts College B.E.E. 1948. The George Washington University	D.C.	Reid, William Grant Reidenbach, Richard Rohrer Reidy, John Cornelius, Jr. Reisner, Harold Allison Reisner, Ralph Francis Reilly, George Kenneth Gordon A.B. 1947. The George Washington University	Md.
Reine, Zora Belle Reid, Carl Walter, Jr. A.B. 1936. University of Illinois	Tenn.	Reilly, Gerald Eugene Reilly, William James Reidy, Philip Key, Jr. Reid, Philip Foster Reid, Robert Norman Reid, Michael L. L. L. Reidman, Arthur F. Reidman, Franklin Widman Reidman, Harvey Terry B.S. 1931. East Tennessee State College	Va.
Reid, Douglas M. Reid, Edward Dennis A.B. in E.E. 1941. The George Washington University	Va.	Reidman, Gustavus George A.B. 1949. Yale University	D.C.
Reid, Helen Mae A.B. in E.E. 1947. The George Washington University	N.C.	Reidman, Eva Reidman, Carl Louis Reidman, Malcolm Francis Reidman, Arnold Edmund B.S. 1948. Georgetown University	Va.
Reid, Herbert Jackson Reid, I. Joe P.S. 1927. University of Missouri	Ill.	Reidman, Richard Andrew Reidman, Paul Joseph B.S. 1947. Xavier University M.S. 1949. University of Detroit	Ark.
Reid, Mary Margaret Reid, Mary Margaret Reid, Norman Reid, Robert Hammond Reid, William Clark Reid, William L. R. Jr. Reid, William Thomas C.E. 1925. Rensselaer Polytechnic Institute	D.C.	Reidman, Robert Stephen Reidman, Seymour George Reidman, Maurice Robert B.S. in Ed. 1948. Pennsylvania State Teachers College, Indiana	Va.
Reid, Mildred Mae A.B. in Ed. 1947. Central Washington College of Education	D.C.	Reidman, Robert Reidman, Elizabeth A.B. 1944. Municipal University of Lima	Va.
Reid, James Robert B.S. 1941. United States Naval Academy	D.C.	Reidman, William Jackson Reidman, Helma Reidman, James Coniff Reidman, Gloria Bellong	D.C.
Reid, Ida Jack A.B. 1944. Municipal University of Lima	D.C.	Reidman, Lillian B.S. in Ed. 1941. Wilson Teachers College	D.C.
Reid, William Jackson Reidman, Helma Reidman, James Coniff Reidman, Gloria Bellong	Va.	Reidman, Joseph Reidman, Bertram Robert B.E.E. 1946. Duke University	Pa.

Remington, Joseph Joy	Ohio	Rice, Gertrude Bruce	Va.
A.B. 1950, The George Washington University		Rice, John Francis	D.C.
Remsburg, John Everett	Va.	Rice, John Lalor	Vt.
B.S. 1930, University of Virginia		Rice, John Raymond	Md.
Renborg, Bertil	Va.	Rice, Patricia Shannon	Va.
A.B. 1948, The George Washington University		Rice, Peter Paul	D.C.
Rendish, Bernadette Rita	Pa.	B.S. 1938, Pennsylvania State Teachers College, Mansfield	Md.
Rendle, Betty Jane	Wyo.	Rice, Robert Lewis	Md.
A.B. 1945, Stanford University		Rich, Donald Jenkins	Ill.
Rendler, Norbert Joseph	Wash.	Rich, George Watson	D.C.
Rengel, Richard	Minn.	Rich, Peter Michael	D.C.
B.E.E. 1946, University of Minnesota		Richard, Lucien Leo	Va.
Renner, Edward James, Jr.	D.C.	Richards, Burton Morgan	D.C.
Renner, Robert Richard	Ohio	Richards, Fred John	N.Y.
B.S. 1948, Bethany College		Richards, Frederick William	Va.
Reno, Raymond Howard	Ind.	Richards, Lois Compton	Va.
A.B. 1950, A.M. 1951, The George Washington University		Richards, Ralph Julian, Jr.	D.C.
Renou, Jean M.	D.C.	Richards, Suzanne Virginia	
Renz, Henry Augustus III	Va.	A.B. 1948, The George Washington University	Va.
Reque, Robert Russell	D.C.	Richards, Therman Lee	Md.
Reque, Rose Bertha	D.C.	Richards, William Robert	
Resh, David Lewis	D.C.	LL.B. 1950, The George Washington University	Md.
Reshew, Jerry Woodrow	N.Y.	Richardson, Andrew Cunningham	
Resnick, Samuel	D.C.	B.S. 1948, Detroit Institute of Technology	Va.
Rettinger, Matt Peter	Mont.	Richardson, Bonkje Booy	D.C.
A.B. 1950, Tulane University		Richardson, Charles Grant	D.C.
Rewking, Carl Louis	Va.	Richardson, David Charles	
Reymer, Anna Rachael	D.C.	B.S. 1936, United States Naval Academy	Ind.
Reynard, Alan Mark	D.C.	Richardson, Edward Eugene	
Reynolds, Carolyn Jane	Va.	B.S. 1943, Rose Polytechnic Institute	Mist.
Reynolds, Frank Brent	D.C.	Richardson, Gerald Allen, Jr.	Va.
Reynolds, Ida Belle	Calif.	Richardson, Howard Robertson	
A.B. 1950, University of California		A.B. 1927, Elon College	
Reynolds, James Edwin	Md.	A.M. 1932, College of William and Mary	D.C.
Reynolds, Patricia Amelia	Md.	Richardson, James Augustine	Pa.
Reynolds, Samuel Fielder, Jr.	Va.	Richardson, James Francis, Jr.	D.C.
B.S. 1940, A.M. 1949, University of South Carolina		B.S. 1949, University of Scranton	Va.
Reynolds, William Lavern	D.C.	Richardson, Joan Margaret	
Rezler, John Edward	Pa.	Richardson, Patricia Howard	D.C.
Rhame, Richard Coleman	N.Y.	B.S. 1942, University of Missouri	
A.B. 1950, Princeton University		Richardson, Paul Bryant	Mo.
Rhea, Sarah Emaline	Va.	B.S. 1949, Davidson College	
B.S. 1942, Virginia State Teachers College, Farmville		Richardson, Robert Owen	W.Va.
Rhine, Samuel Burgess, Jr.	Md.	B.S. 1946, Drury College	Va.
Rhoades, Ramona Virginia	Va.	Richardson, Ronald Edward	Conn.
Rhoads, Robert Jefferson	Ill.	Richardson, Thomas Totten	Pa.
Rhodes, Eric Foster	Md.	Richardson, Walter John	Va.
Rhodes, George Presley	D.C.	Richardson, William Benjamin	Ohio
Rhodes, Kenneth Edwin	Va.	Riches, Leonard	
B.E.E. 1949, Georgia Institute of Technology		Richeson, Edna Marie	D.C.
Rhodes, Linwood Adolph	D.C.	A.B. 1939, Ohio University	N.Y.
Rhodes, Mildred Ann	Va.	Richey, Elmer Eugene	D.C.
Rhodes, Robert Donald	Md.	Richey, James Potter	D.C.
Rhyne, Brice Wilson	Va.	Richey, LeRoy Milburn, Jr.	N.Y.
Ricci, Giorgio	Md.	Richey, Stephen Olin	
Doctor in Law 1940, University of Rome		Richman, Harold L.	
Rice, Carol Lynn	D.C.	A.B. 1943, College of the City of New York	Va.
A.B. 1950, The George Washington University		LL.B. 1949, Fordham University	
Rice, Charles Fenton, Jr.	D.C.	Richman, Robert William	
Rice, Donald Harvey	D.C.	A.B. 1945, Colorado College	Md.
Rice, Eugene Worthington	D.C.	B.S. 1947, Colorado Agricultural and Mechanical College	
B.S. 1942, West Virginia University		Richmond, Joseph Howard	Va.
M.S. 1948, The George Washington University		B.S. 1949, University of Maryland	
		Richmond, Roy George	



# Students Registered

527

Richmond, Susan V. A.B. 1917, Randolph-Macon Woman's College	D.C.	Ritchie, Frederick Monks B.M.E. 1949, The George Washington University	D.C.
Rickards, Herbert Betz	Mich.	Rist, Janice R.	Nebr.
Ricketts, Aubrey Eugene B.S. 1949, West Virginia Wesleyan College	D.C.	Ritter, Colin B.S. in Ed. 1941, Wilson Teachers College	D.C.
Ricketts, Noble George B.S. 1926, United States Coast Guard Academy	D.C.	Ritterpusch, Irvin John	Md.
A.M. 1950, The George Washington University		Rittmann, Dean Vincent	Tex.
Rickmar, George Marion	D.C.	Ritts, Roy Elliot, Jr. A.B. 1948, The George Washington University	D.C.
Riddick, John Charles	Va.	Ritzenberg, Albert	D.C.
Riddler, Alvin Joseph B.E.E. 1949, Catholic University of America	Pa.	Ritzenberg, Madeleine Snowden B.S. 1940, University of North Carolina	D.C.
Ridout, Virginia Stull	D.C.	Rivas, Luis Rene A.B., B.S. 1934, College of LaSalle, Cuba	Fla.
Ridge, Bradley Bateman A.B. 1948, University of Texas	Tex.	Rivera, Andres	Puerto Rico
Ridgeway, Jesse Edward A.B. 1946, The George Washington University	D.C.	Rivera, Emilio	Puerto Rico
Riecken, Richard Charles	Ohio	Rivera, Fernando José	Puerto Rico
Riedel, John Thomas A.B. 1947, University of California	Calif.	Rizey, George Young B.S. 1937, University of California	D.C.
Rielly, Thomas Hooper	Pa.	Rizey, Thomas Dyer B.A.E. 1950, Catholic University of America	D.C.
Rippon, James Marry, Jr.	Tex.	Rixse, Spencer Benjamin	Miss.
Riggs, Archie Stephen, Jr.	Va.	Rizzolo, Lillian Sanders A.B. 1948, Trinity University	Va.
Riggs, Bradford Charles	Va.	A.M. 1949, Tulane University	
Riggs, Edwin Eugene, Jr.	D.C.	Roa, Paul Arturo	D.C.
Riggs, Robert Melchior	Ky.	Rouch, Lonnie Lee, Jr. B.S. 1948, Concord College	Va.
Riley, William Francis	N.Y.	Roamer, James Mahan, Jr. B.C.E. 1950, The George Washington University	D.C.
Rife, Dorothy Rae	D.C.	Roane, Melvin Chester	Md.
Rife, Marcia Joan Ph.B. 1917, University of Chicago	N.J.	Roark, Mary Kathleen	Ky.
Riley, Francis Charles	Md.	Robb, James Lawrence	Va.
Riley, Hugh Allen	Va.	Robb, James Richard	Calif.
Riley, Jane Frances	D.C.	Robbin, Joseph Sigmund A.B. 1945, The George Washington University	D.C.
Riley, Laura Frances	Colo.	Robbins, Frank Edward, Jr. B.C.E. 1944, Rensselaer Polytechnic Institute	D.C.
Riley, Marijane Jeanne B.C.E. 1950, Catholic University of America	Fla.	Robbins, Louis Peters	D.C.
Rill, John Columbus, Jr.	D.C.	Robbins, Lawrence Porter	N.C.
Rimmer, Helen R.	R.I.	Robbins, Walter Lewis A.B. 1950, The George Washington University	Md.
Rinaldi, Albert Walton B.D.E. 1949, Catholic University of America	Va.	Robel, Mary Ellen	Md.
Ring, Carl Ewald B.S. 1950, Madison College	D.C.	Roberson, Elbert Belmont, Jr. B.S. 1949, The George Washington University	D.C.
Ring, Donald Francis	N.Y.	Roberson, James Edgar	D.C.
Ring, Jack Austin	Va.	Roberson, William Donald	D.C.
Ring, Paul Donald	N.C.	Roberts, Annette Carter	Md.
Rinquois, Dorothy Frances	Va.	Roberts, Ben Lomand	Md.
Runkel, Grace Mahon A.B. 1952, Ohio State University	Ill.	Roberts, Betty Rosendorf	D.C.
Riser, Charles Richard	Va.	Roberts, Donna Louise	Va.
Rise, Otto M. hael	D.C.	Roberts, Eleanor Elizabeth	D.C.
Rise, Antonio Abad	Colo.	Roberts, Henry, Jr. B.S. 1950, The George Washington University	N.J.
Rise, Lugo Miguel Juan	Md.	Roberts, Heyward Bradford B.S. 1924, United States Military Academy	Tenn.
Rise, Manuel Joseph	Puerto Rico	Roberts, Irene Rita	Va.
Ribeger, Louise Jacques B.S. 1942, Virginia State Teachers College Farmville	D.C.	Roberts, James Franklin	Md.
Rich, Edward B.S. in F.S. 1950, Georgetown University	Va.	Roberts, James Winfield, Jr.	Va.
Rich, John Louis	D.C.		
Rich, Aaron	W.Va.		
Rich, Robert Lorain A.B. 1947, Shepherd College			

Roberts, Jennings Nicholas A.B. 1939, Morris Harvey College LL.B. 1943, LL.M. 1945, Georgetown University	W.Va.	Robinson, Peter Arthur Ian Robinson, Robert Strother B.S. 1949, The George Washington University	Maine Va.
Roberts, John Raymond Roberts, June Burcham A.B. 1934, Pennsylvania State College M.L. 1938, University of Pittsburgh	Ind. D.C.	Robinson, Roland Robert Robinson, Thomas Adams Robinson, Tom Witten A.B. 1949, Occidental College Robinson, Walter Wade, Jr. B.S. 1947, Alabama Polytechnic Institute	W.Va. D.C. Calif. Ala. D.C. D.C.
Roberts, Lewis Ross Roberts, Lincoln Edwin Roberts, Mary Kendall Roberts, Mary Martitia A.B. 1950, The George Washington University	Md. Fla. Va. Ark.	Robinson, Warren Clayton Robinscher, Jonas Bondi, Jr. A.B. 1942, Brown University J.D. 1948, The George Washington University	D.C. D.C.
Roberts, Nancy Catherine Roberts, Perry Leonard B.S. 1948, Oklahoma Agricultural and Mechanical College	D.C. Okla.	Roblee, Dana Bush B.S. 1937, St. Bonaventure's College and Seminary M.S. 1942, New York State Teachers College, Albany	D.C. Mich.
Roberts, Richard Edwin Roberts, Russell Meade Roberts, Thomas Arthur Roberts, Walter Cameron, Jr. B.S. 1949, Virginia Military Institute	Va. D.C. D.C. Va.	Roche, Redmond Howard, Jr. B.S. 1946, University of Michigan LL.B. 1949, University of Detroit Rochefort, Cecile Marie Rockawitz, Jerome Bernard B.E.E. 1950, The George Washington University	D.C. N.Y. Va.
Robertson, Adelaide Louise Robertson, Blanche Gardner A.B. 1925, Guilford College Robertson, David Justin Robertson, Floyd LaVerne A.B. in Ed. 1938, Arizona State Teachers College, Temple	D.C. N.C. Calif. D.C.	Rockwell, Chester Scott A.B. 1947, Shepherd College Rockwell, Franklin Abraham A.B. 1941, Shepherd College Rockwell, Marion Arden B.S. 1949, M.L. 1950, University of Pittsburgh	Va. Pa. Fla. D.C.
Robertson, Joseph William B.S. 1947, Texas Agricultural and Mechanical College	Tex.	Rosida, Winifred Parker Rusdy, Jeanne DeChantal Rusdy, Norman Leo B.S. in C.E. 1923, Catholic University of America	Pa. Fla. D.C.
Robertson, Malcolm Higgins A.B. 1948, University of Minnesota Robertson, Margaret Robertson, Richard Dean B.S. 1941, Syracuse University Robertson, Robert Earl Robertson, Roger Elmer B.S., M.S. 1943, Massachusetts Institute of Technology	Minn. Fla. Va. Mo. Md.	Rodenbeck, Frederick Ludwig, Jr. A.B. 1947, A.M. 1949, University of Nebraska	Wis. Nebr. D.C.
Robin, Bennett Allen Robin, Eugene Debs B.S. 1946, M.S. 1947, The George Washington University	D.C. D.C.	Rodenbury, Eugene Edward Roderick, Donald Lee Rodgers, Darrell Elmer Rodgers, David Arthur Rodgers, Donald R. B.S.E. 1944, United States Coast Guard Academy	Va. D.C. D.C.
Robinette, Marian Strom Robinette, Raleigh Carson Robins, Alexander R. Robinson, Anna Marion B.S. 1934, Cornell University Robinson, Arnold Irving B.S. 1949, Drexel Institute of Tech- nology	Wash. Calif. D.C. N.Y.	Rodgers, George Leo, Jr. LL.B. 1940, Georgetown University Rodgers, James Edwin LL.B. 1950, The George Washington University	Ohio Pa. D.C.
Robinson, Betty Jean Robinson, Charles Clark B.S. 1939, Fordham University Robinson, Earl Howard Robinson, Edgar Louis, Jr. Robinson, Eugene Bell Robinson, Geneva Standley Robinson, Guy Harold, Jr. Robinson, Harold LeRoy Robinson, Hayes Graham Robinson, James Arthur Robinson, John Wesley Robinson, Lawrence Edward Robinson, Maude Carter B.S. 1948, Radford College Robinson, Mildred Ivy Robinson, Norman Julian A.B. 1941, University of California Robinson, Owen Everett	Md. D.C. D.C. D.C. Nebr. D.C. Md. Okla. Md. Ill. Md. Iowa Calif. Md.	Rodgers, Kathryn Shole A.B. 1938, The George Washington University Rodgers, Marjorie Virginia Rodgers, Robert Eugene Rodson, David W. A.B. 1949, Yale University Rodin, Evald Maurice B.S. 1944, University of Notre Dame M.S. 1949, University of Iowa Rodin, Max Bernard B.S. 1934, University of Notre Dame M.S. 1936, Purdue University Rodman, Sherry A.B. 1949, Brooklyn College Rodriguez, Luis Octavio A.B. 1941, A.M. 1949, The George Washington University	Pa. Va. D.C. Iowa D.C. D.C. D.C.



Students Registered

529

Rodriguez, Jose Antonio	N.Y.	Rondinaro, Daniel Angelo	N.J.
Rodriguez, Reynolds F.	Fla.	Roney, Sally Virginia	N.Y.
A.B. 1948, University of Georgia		B.S. 1947, Milwaukee-Downer College	
Roe, Joseph Hyram, Jr.	D.C.	Roney, William Rogers	D.C.
A.B. 1950, Yale University		B.S. 1946, United States Military Academy	
Roell, Edgar Allen	Va.	Ronsaville, Marian	Md.
Roescke, Lewis Austin	D.C.	A.B. 1944, The George Washington University	
Roesell, Alexander Seymour	D.C.	Roof, Michael Kitching	Md.
B.S. 1950, Georgetown University		Rook, Joseph Samuel	D.C.
Roest, Nils Ericsson	Va.	B.S. in Ed. 1941, Pennsylvania State Teachers College, Shippensburg	
Rogal, William Walter	Va.	A.M. in Ed. 1948, The George Washington University	
A.B. 1949, The George Washington University		Rooney, John Joseph	D.C.
Rogers, Charles Osborn	La.	Rooney, William Albert	Wash.
B.E. 1939, Tulane University		Roor, Roger Gary	Md.
Rogers, Charlotte David	Ky.	Roos, Kathryn Johnson	Va.
A.B. 1950, The George Washington University		Roos, Kinsey Henry	Va.
Rogers, David Russell	D.C.	Rout, Leroy Frederick, Jr.	Md.
Rogers, Dixon Carl	Mo.	Roperto, Joseph James	Pa.
B.S. 1944, United States Military Academy		Ropkin, Gerald	D.C.
Rogers, Donald Allan	Pa.	Roscoe, Robert Marciano	Pa.
Rogers, George Johnston	Calif.	Rosada, Stefan	D.C.
Rogers, Harold John	Pa.	LL.B. 1922, University of Poznan, Poland	
A.B. 1947, Scranton University		Rose, Alan Conrad	N.J.
Rogers, James Leroy	D.C.	B.S. 1941, Massachusetts Institute of Technology	
B.S. 1950, Georgetown University		Rose, Arthur E.	N.Y.
Rogers, Joan Lee	Va.	B.S.S. 1948, College of the City of New York	
Rogers, Joseph Louis, Jr.	Md.	Rose, Carl Leon	Va.
Rogers, Louis Mae	Md.	Rose, Donald Lewis	Pa.
B.M. 1944, Ohio Wesleyan University		B.S. in Ch.E. 1947, Pennsylvania State College	
Rogers, Mary Louise	Ga.	Rose, Evelyn Marion	N.Y.
Rogers, Mabel Clark	N.C.	A.B. 1927, Hunter College	
Rogers, Robert Joseph	N.Y.	Rose, Frank Louis	N.Y.
A.B. 1950, Dartmouth College		Rose, William George, Jr.	Md.
Rogers, Thomas Alphonso	Md.	Roseberry, Leroy Wallace	Va.
Rogers, William J. Burge, Jr.	Va.	Roseman, Byron David	Mass.
Rogers, William Michael	Md.	Rosen, Alvin	Md.
Rogers, Nathaniel H.	Va.	Rosen, David Selig	N.Y.
A.B. 1944, A.M. 1945, New York University		Rosen, E. Ida Betty	N.Y.
Rosen, Edward Eugene	D.C.	Rosen, Gerald	N.Y.
Rosen, Emanuel	D.C.	Rosen, Herbert Harry	D.C.
B.S. 1948, Columbia University		Rosen, Lawrence	D.C.
Rosow, Howard Alan	Calif.	Rosen, Libby	D.C.
A.B. 1941, College of William and Mary		Rosen, Robert Martin	N.Y.
Rohar, Kevin Robert	N.Y.	B.S. 1950, New York University	
B.S. 1949, University of Notre Dame		Rosenbaum, Joseph Hans	Mass.
Rohland, Leo	Pa.	Ph.B. 1950, Clark University	
Rohlf, Paul Anthony	Pa.	Rosenberg, Alan	N.J.
B.S. 1949, University of Colorado		A.B. in Ed. 1949, New Jersey State Teachers College, Montclair	
Rohlf, David Mayne	Kans.	A.M. 1950, Columbia University	
Rohlf, Stephen	Va.	Rosenberg, Hyman Louis	D.C.
A.B. 1948, Johns Hopkins University		Rosenberg, Ina Barbara	D.C.
Roller, Frank Couper	Va.	Rosenberg, Max	N.Y.
B.S. 1949, University of Arizona		A.B. 1949, Hunter College	
Rollman, Leonard Arnold	D.C.	Rosenberg, Melvin Raymond	Md.
Rolnick, Robert Franklin	D.C.	Rosenberg, Morris	D.C.
Rolph, John Fletcher III	D.C.	Rosenberg, William Theodore	Ohio
Romani, John Henry	N.H.	Rosenberger, Mary Jane	Va.
A.B. 1948, A.M. 1949, University of New Hampshire		Rosenblatt, Harry Myer	N.Y.
Romano, John	Pa.	B.S. 1948, The George Washington University	
Romanoff, Julius Samuel	N.Y.	Rosenblatt, William Allen	Md.
A.B. 1941, Brooklyn College		Rosenbloom, Joseph	D.C.
Romanowski, Harold Stanley	Ind.	B.S. 1927, Ohio State University	
Romanovsky, George Joseph	Pa.		
Romett, Joseph Henry	Pa.		
Ronco, Eleanor Teresa	Mass.		



Rosenblum, David	N.Y.	Rothenberg, Allan	D.C.
B.S. 1949, The George Washington University		B.C.E. 1944, College of the City of New York	
Rosenblum, Stephen Clyde	N.Y.	LL.B. 1950, Brooklyn College	N.Y.
Rosendorf, Harvey	D.C.	Rothenberg, Morris	D.C.
B.S. 1951, University of Maryland		A.B. 1941, Cornell University	D.C.
Rosendorf, Stanley Bernard	Md.	Rothgeb, John Martin	Md.
B.S. 1948, University of Maryland		Rothman, Sheldon David	Neb.
Rosenfeld, Harold Asan	D.C.	Rothrock, Galen Wayne	Ind.
Rosenshine, Shirley Ruth	D.C.	Rothrock, John Allen, Jr.	
Rosenson, Leon Mendel	D.C.	B.S. 1945, Northwestern University	D.C.
Rosenson, Vivian Carmel	D.C.	Rothrock, John Blaine	
Rosenthal, Bernard	D.C.	A.B. 1942, The George Washington University	Va.
Rosenthal, Donald Currie	D.C.	Rothstein, Charles Lawrence	Md.
Rosenthal, Joseph	D.C.	Rothstein, Nathaniel	
A.B. 1939, Brooklyn College		B.S. 1950, The George Washington University	Md.
Rosenthal, Myra Natalie	D.C.	Rotkin, Irving Jacob	
Rosenthal, Nathan Raymond	D.C.	B.S. in M.E. 1946, Virginia Polytechnic Institute	Va.
B.S. 1949, Georgetown University		Rotnem, Eugene Orbeck	
Rosenthal, Saul	D.C.	A.B. 1947, University of Hawaii	
A.B. 1949, Catholic University of America		A.M. in Govt. 1949, The George Washington University	Va.
Rosenthal, Shirley Gould	Pa.	Rotnem, Iris Mittelstadt	N.J.
Rosenwasser, Hyman	N.Y.	Rottenberg, Seymour Abner	
A.B. 1936, Brooklyn College		A.B. in Govt. 1948, The George Washington University	Va.
Rosloff, Aaron	D.C.	Roudabush, Bettie Millett	Va.
B.S. 1950, American University		Roughton, Aurelian Ernest, Jr.	D.C.
Ross, Audrey May	Calif.	Rouleau, Wilfred Glasgow	
Ross, Bob	D.C.	A.B. 1942, Catholic University of America	D.C.
Ross, Daniel Michael	Pa.	Roumel, Theodore Constantine	
A.B. 1946, A.M. 1948, The George Washington University		A.B. 1944, The George Washington University	Va.
Ross, Christine Franzen	Va.	Rountree, Robert Manning	Ky.
A.B. in Ed. 1947, Ursinus College		A.B. 1948, Mercer University	N.Y.
Ross, Doris Mae	D.C.	Rountree, Warren Thomas	D.C.
B.S. 1950, Wilson Teachers College		Roush, Lawrence Carmen	Md.
Ross, Gay Flor	Ohio	Roush, Louis Chapman	Pa.
Ross, Ian Kenneth	D.C.	Routhenstein, Irene	D.C.
Ross, John Bernard	D.C.	Rovner, Sara	
Ross, Keith Austin	Iowa	Rowan, Edmund Charles	
Ross, Lesley Mary	British East Africa	B.S. 1944, United States Naval Academy	Va.
Ross, Marvin Stanley	D.C.	Rowan, Leatta Peer	Va.
Ross, Ronald McKenzie	D.C.	B.S. 1950, Madison College	Conn.
A.B. 1950, The George Washington University		Rowan, Michael Beatty	Va.
Ross, Rosemary Rita	D.C.	Rowand, Roger Benjamin	D.C.
A.B. 1948, Mount Mercy College		Rowe, Florence Louise	
Ross, Ruth	N.J.	Rowe, Frank Hamett, Jr.	N.J.
A.B. 1946, The George Washington University		B.S. in M.E. 1945, Duke University	Md.
Ross, Samuel B.	D.C.	Rowe, Frank Joseph	D.C.
A.B. 1929, University of Pittsburgh		Rowe, George Frederick	D.C.
A.M. 1934, Ph.D. 1931, Columbia University		Rowe, Marc Hampton	
Ross, William Hicks	D.C.	Rowe, Shirley Case	
Rosse, Roxanne Sylvia	N.Y.	A.B. 1949, The George Washington University	D.C.
B.S. 1949, Cornell University		Rowe, Willis Case	
Rossen, Jack Leopold	D.C.	A.B. 1948, LL.B. 1950, The George Washington University	Va.
Rossi, George Humbert	Mass.	Rowe, William Dennison, Jr.	Md.
Rossi, Henry	R.I.	Rowell, Herman Lee, Jr.	Va.
A.B. 1949, The George Washington University		A.B. 1948, Gettysburg College	Md.
Rossiter, Samuel Uriah	Pa.	Rowell, Russell	D.C.
A.B. 1947, Allegheny College		Rowell, Sabra Ann	N.J.
Roth, Maxine	D.C.	Rowell, Thomas Wesley	
Roth, Robert Bryant	D.C.	Rowitz, Bernard	Va.
Rothberg, Samuel Bernard	N.Y.	A.B. 1948, Rutgers University	Fla.
		Rowlands, Stephan Faber	
		Rowse, Katharine Louise	

# Students Registered

531

Roxon, Daniel	N.Y.	Runow, Hansjoachim Herbert	Va.
A.B. 1940, Brooklyn College		Runyan, Robert Laymon	Md.
Roy, Norman Joseph	Mass.		
B.S. 1940, University of Massachusetts		B.S. 1940, College of Wooster	
Royce, Margaret Esther	D.C.	A.M. 1940, The George Washington University	
Roylance, Donald Carvar	Md.		
Royster, George Erwin	Md.	Ruoff, Fred Arthur	D.C.
Rozansky, Gerald Ivan	D.C.	A.B. 1947, Dartmouth College	
Rorman, Robert Sanford	Va.	A.M. 1949, Rutgers University	
Ruben, Annette	D.C.	Rupert, Edmund Walter	Pa.
Ruben, Louis Leonard	D.C.	Rupp, Nancy Carolyn	R.I.
Rubenstein, Ruth Sylvia	D.C.	B.S. 1950, Boston University	
Rubenstein, Vida Ellen	D.C.	Rush, Roland Andre	D.C.
Rubin, Arnold Donald	N.J.	B.S. 1949, University of California	
Rubin, Julius William	Md.	Russ, Wilbur Joseph	Calif.
Rubin, Louis	D.C.	A.B. 1950, University of California	
B.S. in Ed. 1950, Wilson Teachers College		Russell, Anna May	Md.
Rubin, Norma	Va.	A.B. 1934, I.L.B. 1950, Western Maryland College	
Rubin, Sally Maxine	N.J.	A.M. 1944, Columbia University	
Rubin, Stanley	D.C.		
B.S. 1949, Columbia University		Russell, Anne Carter	Va.
Rubio, Carlos Enrique	Puerto Rico	Russell, Betty Lucile	D.C.
Rubman, Herbert	D.C.	Russell, Conrad Norman	D.C.
A.B. 1949, Brooklyn College		Russell, DeAlton	Calif.
Ruckel, Neta Florence	W.Va.	Russell, Denver Lee	Ohio
Ruckel, Joseph Anthony	Md.	A.B. 1947, Mount Union College	
Ruckel, Velva Elaine	D.C.	Russell, Eleanor Lorraine	Utah
B.S. 1941, M.S. 1942, North Dakota Agricultural College		Russell, Elizabeth Ann	D.C.
Ruddell, George Randolph	Md.	Russell, Helen Louise	D.C.
Rudlock, William Parker	Pa.	Russell, Jean	D.C.
A.B. 1950, Grove City College		Russell, Joan Whitworth	Va.
Rudwich, William Kenneth	D.C.	Russell, John Alexander	Md.
B.S. 1948, Pennsylvania State Teachers College, Millersville		Russell, John Mott	Ga.
Rudzy, David	N.Y.	Russell, Melvin Lewis	Kans.
A.B. 1949, The George Washington University		Russell, Robert Raymond	Mass.
Rudman, Gerald Earl	Maine	B.S. 1949, United States Coast Guard Academy	
A.B. 1940, University of Maine		Russell, Ronald Lee	W.Va.
Rudolph, Samuel	D.C.	Russell, Stanton Best	D.C.
Rue, Audrey Hazel	D.C.	B.M.E. 1949, The George Washington University	
Rue, Richard, Jr.	N.J.	Russell, Thelma Agnes	Md.
Ruff, Bryson LaMar	Pa.	Russell, Thomas Hale	Va.
A.B. 1950, The George Washington University		A.B. 1940, Harvard University	
Ruffin, Melvraun Gale	Calif.	Russell, William Augustine, Jr.	Va.
Ruffin, Genevieve	D.C.	Russell, William Fred	Md.
A.B. 1942, College of Wooster	Va.	Russell, William David	Mo.
Ruggen, Paul Robert	N.Y.	A.B. 1936, LL.B. 1938, University of Missouri	
B.S. 1949, Rutgers University		LL.B. 1949, The George Washington University	
Rulman, Terrell Louis	Pa.		
B.S. 1949, Pennsylvania State College		Russin, Charles	Pa.
Rue, Olaf Kristian	Sweden	Russin, George	Md.
Rue, Amelia Mary	D.C.	Russo, Elvira Mary	Pa.
Rue, Peter John	Puerto Rico	B.S. 1948, University of Pittsburgh	
A.B. 1951, Polytechnic Institute of Puerto Rico		Russo, John Emil	Va.
Rutz, C. Teresa deJesus	D.C.	Russo, Mary Orton	Va.
Rue, Elizabeth	D.C.	A.B. 1949, The George Washington University	
Rumford, Anne Harris	Va.	Russo, Sarah Churchill	Va.
Rumke, Donald Chester	Va.	A.B. 1941, Hollins College	
Rumler, Richard William	Va.	Ruszkiewicz, Joseph Edward	Pa.
Rumley, Irwin Anton	D.C.	B.S. in E.E. 1948, University of Pittsburgh	
Rumsey, Lucy Johnston	Wis.		
Rummerfield, Philip Sheridan	D.C.	Ruth, Joseph Young	Pa.
Rumke, Deane	Colo.	A.B. 1949, The George Washington University	
A.B. 1948, Mucklingum College	N.Y.	Rutherford, Martha Skillman	Pa.
Rannon, Barbara Diane	Ohio	A.B. 1948, Wellesley College	
	Md.	Ruths, Carl Joseph	Pa.
		Rutledge, Jean Ann	D.C.
		A.B. 1947, Indiana University	

Rutledge, John	Va.	Sadler, Frederick T.	Calif.
LL.B. 1930, The George Washington University		B.S. 1944, California Institute of Technology	
Rutledge, Robert Clinton	Va.	Sadott, Ernestine Marie	Conn.
A.B. 1940, University of Virginia		Sadouskas, Anthony John, Jr.	Va.
Rutter, James Boyd, Jr.	Va.	Sadowski, Eugen	D.C.
B.S. 1936, United States Naval Academy		Sadowsky, Gersten	N.Y.
Ruttkey, Eva Maria	D.C.	B.M.E. 1947, College of the City of New York	Md.
Ryan, Dorothy Shannon	D.C.	Sador, Hillard Erwin	D.C.
Ryan, Edward Francis	D.C.	Saffitz, Abraham Alan	
Ryan, Edward Thomas, Jr.	R.I.	A.B. 1936, Cornell University	
Ryan, James Anthony	Utah	LL.B. 1950, The George Washington University	
B.S. 1946, College of the Holy Cross		Sager, Arthur Irving	D.C.
LL.B. 1947, Cornell University		Sager, Charles Douglas, Jr.	D.C.
Ryan, James William	D.C.	A.B. 1938, Amherst College	Va.
Ryan, John Augustus	N.Y.	Sager, Gene Gustav	D.C.
Ryan, John Clifford	Va.	Sager, John Harmer	Conn.
Ryan, John Michael	Pa.	A.B. 1948, Princeton University	
Ryan, John Powell	Md.	Sager, Oscar Simon	
Ryan, Michael Joseph	D.C.	A.B. 1940, New York University	D.C.
B.S. in Ed. 1948, Pennsylvania State Teachers College, Shippensburg		Sager, Ralph Franklin	Va.
Ryan, Patricia Allen	N.Y.	Sager, Stanley Melvin	D.C.
A.B. 1949, University of California		A.B. 1949, Duke University	Md.
Ryan, Rita Marie	N.Y.	Saginer, Irving	
Ryan, Robert Edwin	D.C.	Sagle, Robert Franklin	
Ryan, Robert Emmet	D.C.	A.B. 1951, The George Washington University	Va.
B.S. 1947, Temple University		Sagner, Charles Edward, Jr.	N.Y.
Ryan, Thomas Francis, Jr.	Mass.	A.B. 1947, University of California	D.C.
A.B. 1950, Amherst College		Sahaj, Joseph	
Ryan, William Edward	Mass.	Saied, Betty Lou	
B.S. in F.E. 1941, B.S. 1943, University of Michigan		A.B. 1949, East Carolina Teachers College	D.C.
Ryan, William Thomas	D.C.	St. Amand, Joseph Maxim, Jr.	Va.
Ryder, Dorothea Jeanne B.	Va.	B.S. in E.E. 1949, Purdue University	
Ryder, Elizabeth Margery	D.C.	St. Charles, Peter Matthew	Va.
Rydholm, William Norman	Mass.	St. Clair, John Gilbert	Va.
Rykhus, Douglas Joseph	D.C.	St. Clair, Robert Gordon	N.C.
Rymer, Thomas Arrington	Md.	St. George, William Ross	
B.C.E. 1948, Cornell University		B.S. 1946, United States Naval Academy	Fla.
Ryon, Joseph William	D.C.	St. Jean, Harvey Joseph	Ohio
		St. John, Charles Richard	
		A.B. 1948, University of Akron	D.C.
		St. John, Jack Vischer	D.C.
		St. John, Marie	
		A.B. 1948, Catholic University of America	D.C.
		Saint-Louis, Therese Marie	N.J.
		Saitta, Frank Herman	Hawaii
		Sakai, Hiroshi	
		LL.B. 1950, The George Washington University	Hawaii
		Sakai, Milton Yukio	Colo.
		Sakaley, John Andrew, Jr.	D.C.
		Sakiotis, Catherine	Pa.
		Salaj, Helen	Md.
		Salazar, Henry Joseph	N.Y.
		Sales, Pierre Lucien	
		A.B. 1947, Columbia University	N.Y.
		Salica, Yolanda Theresa	
		A.B. 1949, Marymount College	Colo.
		Saliman, Alvin Morton	Mass.
		Salisbury, John Morton	D.C.
		Salkovitz, Sue Feld	
		A.B. 1943, University of North Carolina	Wyo.
		Sadler, Russell Bernard	
		B.S. 1950, Pennsylvania State College	

## S



# Students Registered

533

Sallas, Gustav Adolph A.B. 1950, The George Washington University	D.C.	Sanson, Carlos E. Sansum, Lauane Earl A.B. 1947, University of California	D.C. Calif.
Salmon, Ralph Franklin	Pa.	Santrago-Marrero, Salvador	Fla.
Salmon, Martha Jane	Va.	Sapp, Elbert Paul	Ill.
Salter, Elliot Arnold B.S. 1945, Brown University	R.I.	Sappenfield, Keith Mynes	Ind.
Salthouse, Wirt C.	D.C.	Sarahan, Bernard Leonard B.S. 1942, Loyola University	Md.
Salto, Paulette Marie	D.C.	Sarcone, Mary C. A.B. 1949, University of Pittsburgh	Pa.
Saluk, Wilda Davis	D.C.	Sargeant, John Page	D.C.
Salvati, Saverio Ralph A.B. 1950, The George Washington University	N.Y.	Sargent, Joseph	D.C.
Salzberg, Calvin David B.E.F. 1949, The George Washington University	D.C.	Sargent, Marilyn Ruth	D.C.
Salzberg, Lorraine Muriel	D.C.	Sariego, Audie	D.C.
Samaha, Leslie Halim	D.C.	Sarosi, Oliver B.C.S. 1938, New York University	D.C.
Samakow, Beverly Retha	Md.	Sartor, John Douglas A.B. 1950, The George Washington University	S.C.
Samhan, Raquel	D.C.	Sasaki, Robert Takashi	N.J.
Sames, Mary Ann A.B. 1947, University of Missouri	Mo.	Sastroamadjovo, Savitri Tradinaviti	D.C.
Samuelson, Elsie Jean	D.C.	Sater, Mary Katharine A.B. 1940, Wellesley College	D.C.
Samples, Ramona	Va.	Sathe, Andrew Gerhard B.S. 1950, University of North Dakota	N.D.
Sampson, Joseph Talmadge	Ga.	Satriano, Joseph	N.Y.
Sampson, Chester Page	Okla.	Satten, Bernard	N.Y.
Sampson, Reginald Sopronio	Hawaii	Sauer, Elizabeth	Ill.
Samuelson, Frederick Clarence	Ill.	Sauer, Herbert Irvin A.B. 1942, Ohio State University	Ohio
Samuelson, Kenneth Robert	Ill.	Sauer, Ralph William B.S. 1940, University of California	Va.
San, Augustin, Joe Taitano	Guam	M.B.A. 1950, Stanford University	Va.
Sanchez, Ben P.	N.M.	Saul, Howell Jay	Iowa
Sanchez, Burdette Boardman	Pa.	Saul, Norma Helen	D.C.
Sanchez, Emma	Mexico	Sauls, John Clinton	Ga.
Sanchez, Louis John	N.M.	Saunders, Charles Turner	D.C.
Sanchez, Luis Rafael	D.C.	Saunders, E. Rebecca A.B. 1947, Randolph-Macon Woman's College	Va.
Sanchez, Zulma Marla	Puerto Rico	Saunders, George Everett	Va.
Sanjeen, Charles Edward	Va.	Saunders, George William B.S. 1948, Wilton Teachers College	D.C.
Sanjel, Edward Rowley	Md.	Saunders, Mildred Lee	Va.
Sanders, Bertram Webb	Ind.	Saunders, Nancy Nell	D.C.
Sanders, Donald Earl	Va.	Saunders, Sidney	Va.
Sanders, Frank Powell	N.C.	Sausel, Maxine Joan	Va.
Sanders, James Leon	Miss.	Sauveur, Anita Belle	Va.
Sanders, John Albert A.B. 1948, The George Washington University	Pa.	Savage, Carl Preston, Jr. A.B. 1948, University of Georgia	Ga.
Sanders, Kendall Earle, Jr.	Va.	Savage, Howard Lane, Jr. A.B. 1948, Vanderbilt University	Tenn.
Sanders, Leonard Louis	Pa.	Savage, John William	D.C.
Sanders, Leslie Elwood A.B. 1946, Franklin College	D.C.	Savage, Walter Benedict B.S. 1950, The George Washington University	N.J.
Sanders, Mark	N.J.	Saver, Samuel Hyam A.B. 1949, Boston University	Mass.
Sanders, Philip	D.C.	Saville, John William A.B. 1949, The George Washington University	Md.
Sanders, Ralph Byron	D.C.	Saville, Richard Charles	Md.
Sanders, Robert Alexander B.S. 1949, California Institute of Technology	Va.	Savoiello, Jennie F. B.S. 1949, Milwaukee State Teachers College	Wis.
Sanders, Vaughn Leon	Ind.	Sawka, Samuel A.B. 1950, Wilkes College	Pa.
Sanderson, William Gerard	Va.	Sawmelle, Stanley Adrian	N.Y.
Sanderson, Agnes I. G.	D.C.	Sawyer, Francis David	N.C.
Sanderson, George William	Va.	Sawyer, Grace Henrietta	D.C.
Sanderson, Henry Morton	D.C.		
Sanderson, Jeanne Lewis	Pa.		
Sanderson, Melvin Wesley, Jr. A.B. 1949, The George Washington University	Wash.		
Sands, Lillie Petersen	D.C.		
Sandewick, Marilyn Jane	Nebr.		
Sandford, Theodore H.	Ill.		
Sander, Rose	Del.		
Sanko, William George B.S. 1950, Pennsylvania State College	D.C.		
Sanphy, Elizabeth Florence	Pa.		

Sawyer, Rosalind	Mich.	Schellberg, William Vincent			Md.
A.B. 1948, Oberlin College		B.S. in E.E. 1935, University of Louisville			Va.
A.M. 1949, University of Michigan		Schell, Emil D.			
Saxe, Charles Lee, Jr.	Md.	A.B. 1935, Hiram College			Wis.
Saxon, George Edward	Ohio	A.M. 1941, Western Reserve University			
Saye, Thomas Moore	D.C.	Schelunes, Ole Christen			
Saylor, Mary Louise	Ill.	B.E. 1940, Central State Teachers College			Md.
B.S. 1936, University of Illinois		Scheltama, Johannes Lorenzo			Md.
Saylor, Henry Clay	Md.	Scheltama, Rudolf Siegfried			N.C.
B.S. 1949, University of Maryland		Schenck, Joseph Samuel			Oh.
Saylor, James Burton	D.C.	Schepley, Jack Francis			V.
A.B. 1949, The George Washington University		Scheps, Bernard Beryl			N.J.
Sayre, Enoch Phillip	Wash.	Scherba, David Wesley			N.J.
Sayre, Robert Marion	Oreg.	Scherback, William John			
A.B. 1949, Willamette University		B.S. in E.E. 1946, University of Wisconsin			Va.
Sbarovnia, Despina Athanase	D.C.	Scherberger, Frederick III			Va.
Scafield, Alfred	N.Y.	Scherer, John			D.C.
Scaife, William McCaslan, Jr.	Va.	Scherf, Roger Alan			
Scambos, Thomas Theodore	N.Y.	A.B. 1950, The George Washington University			N.Y.
B.A.E. 1944, New York University		Schetzen, Martin			Va.
M.A.E. 1945, Massachusetts Institute of Technology		Scheurich, Paul Raymond			N.Y.
Scanlan, Sidney Joseph	Va.	Scheyser, William John			
Scanlan, Thomas Russel	D.C.	B.S. 1924, United States Naval Academy			Pa.
A.B. 1949, The George Washington University		Schick, Irvin Henry			D.C.
Scanlon, Bertha Teresa	D.C.	Schuck, Patricia Louise			Md.
Scarano, Gerald John	Va.	Schuff, Jeanne Ruth			D.C.
Scarborough, James K.	Miss.	Schiffeler, Carl Conrad			
A.B. 1949, The George Washington University		A.B. 1950, Amherst College			Md.
Scarborough, Maxine	S.C.	Schiffman, Gilbert Bernard			
A.B. 1937, University of South Carolina		A.B. 1951, The George Washington University			Md.
A.M. 1947, Columbia University		Schiffman, Harold			N.Y.
Scarloss, John Joseph	Pa.	Schiffman, William			Md.
Scarrow, William Arthur	Va.	Schikvezit, Norman Galt			Va.
Schaefer, William John	D.C.	Schiller, Alvin			D.C.
A.B. 1949, University of Pittsburgh		Schiller, David Mulford			
Schaeffer, Charles William	Pa.	B.S. in E.E., 1948, Carnegie Institute of Technology			Wyo.
Schafer, Frederick	D.C.	Schilling, Dale Barry			Tenn.
B.S. 1925, The George Washington University		Schilling, Lee Basil			D.C.
LL.B. 1928, Georgetown University		B.S. 1948, Georgetown University			
Schaler, Robert David	Va.	Schilling, Paul Michael			Md.
Schantz, Wilmer Shelly	D.C.	B.S. in F.S. 1950, Georgetown University			Va.
A.B. 1950, The George Washington University		Schilling, Walter			D.C.
Schattner, Theodore Jacob	N.Y.	Schiltz, John Frank			Md.
B.B.A. 1941, College of the City of New York		Schimplpfening, Clarence William			
Schatz, Arlene Allebach	Va.	Schimmel, Fern D.			D.C.
Schatz, Bernard	N.Y.	Schindler, Adolph Francis			D.C.
Schatz, Louis	Va.	B.S. 1949, University of Maryland			Pa.
A.B. 1949, The George Washington University		Schkolnick, Leon Joseph			D.C.
Schatzman, Joan Harolyn	D.C.	Schlager, John Gerard			
Schaub, William Clark	Md.	Schlaifsteyn, Rachmill			Ill.
Schaum, Amy Helene	Md.	B.S. 1949, The George Washington University			N.Y.
Schechter, Israel	D.C.	Schleeper, Gerald George			D.C.
Scheckel, William Howard	Md.	Schleifman, Morris			
Schecter, Ada Collier	D.C.	Schlemer, Todd Edward			D.C.
B.S. 1949, Dickinson College		A.B. 1950, The George Washington University			D.C.
Schecter, Roger M.	D.C.	Schlemmer, Roy Ramon, Jr.			D.C.
A.B. 1947, Dickinson College		Schlesinger, Daniel			D.C.
Scheel, Nicholas Tyler	D.C.	Schlesinger, Jean			N.Y.
Scheerer, Carl Russell	Va.	Schlissel, Charles Sidney			D.C.
Scheffer, Luther Earle	La.	Schlosberg, Hobert Mark			D.C.
Scheffres, Eugene	D.C.	Schlosberg, Joanne Helena			D.C.
Scheiman, Philip Henry	D.C.				
Scheiner, Marian Canter	D.C.				

Schlosser, Wilbur Martin B.S. in M.E. 1947, Drexel Institute of Technology	D.C.	Schonberger, Claude Marvin	N.D.
Schlup, Lester Alexander, Jr.		Schoonmaker, Eugene Vrooman	Md.
Schmaltz, Robert Edward B.S. 1948, Lehigh University	D.C.	Schoonover, Jobe Edward	D.C.
Schmalzer, Henry Walter B.S. 1947, Lebanon Valley College	D.C.	Schoudt, Paul Bernard	Va.
Schmeltzer, Edward A.B. 1950, Hunter College	Pa.	Schramm, Robert Francis B.S. 1948, Pennsylvania State Teach- ers College, Bloomsburg	Va.
A.M. 1951, Columbia University	Md.	Schran, Donald R. B.S. in M.E. 1949, University of Pittsburgh	Md.
Schmertz, Robert Colgan, Jr. B.S. 1941, Princeton University	Pa.	Schreiber, Carol Hermine	N.Y.
Schmidt, Paul Emil, Jr.		Schreiber, Samuel Michael B.S. 1950, The George Washington University	Mich.
Schmidt, Arthur Walter	D.C.	Schreiber, William Knox	Md.
Schmidt, Charles	Va.	Schreiner, Margaret Abramites A.B. 1950, The George Washington University	N.J.
Schmidt, Christian Joseph B.S. 1947, Rutgers University	Va.	Schrenk, Lorenz Philip	D.C.
Schmidt, Dorothy Augusta	Md.	Schreuer, Charles Henry	D.C.
Schmidt, Richard Frederick	D.C.	Schreuer, Stafford David	D.C.
Schmidt, William Edward B.S. 1943, The George Washington University	Md.	B.F.E. 1948, Polytechnic Institute of Brooklyn	D.C.
Schmidt, William Francis A.B. 1949, The George Washington University	N.Y.	Schrier, C. Esther	N.Y.
Schmier, Hilda Frieda A.B. 1949, The George Washington University		Schrier, Edward B.S. 1949, University of Maryland	Md.
Schmier, Marshall A.B. 1950, University of Maryland	Md.	Schriner, Anno Dracula B.S. 1950, Maryland State Teachers College, Frostburg	Md.
Schmitt, Gaylord John	Md.	Schroder, Mary Ellen O'Connell	Ill.
Schmitt, Frances Mary		Schroeder, Frederick John B.S. 1948, United States Naval Academy	N.Y.
Schmitt, Richard Frederick B.S. 1950, University of Scranton	D.C.	M.B.A. 1949, Harvard University	
Schmuckler, Michael	D.C.	Schroeder, Leo William	Wis.
Schneberg, Rosalyn A.B. 1949, The George Washington University	Pa.	Schroeder, Robert Eagle	Md.
Schneider, Edwin Roy A.B. 1948, University of Michigan	N.Y.	Schrumpf, Jeanne Marie B.S. 1947, Pennsylvania State College	Md.
Schneider, Ella Kathryn A.B. 1949, The George Washington University	D.C.	Schrupp, Dana Orlando B.S. 1948, Montana State College	Mont.
Schneider, Harold	Mich.	Schubert, Coralie Williams A.B. 1945, Baker University	D.C.
Schneider, Louis	Colo.	A.M. 1945, The George Washington University	
Schnell, William Cardigan A.B. 1949, The George Washington University	D.C.	Schuele, William John B.S. 1950, University of Pennsylvania	Pa.
Schorman, Edward Perry A.B. 1948, The George Washington University	N.Y.	Schuler, James Lee B.S. 1947, Webb Institute of Naval Architecture	Md.
A.M. 1948, Yale University	Pa.	Schulke, Ruth Dillon A.B. 1944, University of North Caro- lina	Va.
Schoutman, Frederick Shade A.B. 1948, The George Washington University	Md.	Schulman, Albert Avrum A.B. 1949, A.M. 1949, University of Chicago	Ill.
Schnyder, Hazel Elinor	D.C.	Schulman, Dorothy Frances	D.C.
Schocker, Charles Lewis	Kans.	Schulte, Fred Walker	Ind.
Schoen, Robert Joseph	N.J.	Schulten, Carl Lang	D.C.
Schoendorf, Lee	Va.	Schultz, Bernard Eugene	Pa.
Schofield, Marjorie Lee B.S. 1950, Wilson Teachers College	Md.	Schultz, Ruth Hope B.S. 1941, University of Virginia	Va.
Schofield, Holmes Mellor	D.C.	Schultz, Theodore Arthur B.S. 1948, Capital University	D.C.
Schofield, Jack Hickey	D.C.	Schultz, William Harrison	
Schofield, James Hamlin, Jr. B.S. 1943, United States Military Academy	Conn.	Schulz, Etta Louise	Pa.
Schoon, Louise Vock	Va.	Schulz, William Charles B.S. 1948, University of Wisconsin	D.C.
Schoon, Edward Karl LL.B. 1950, The George Washington University	Pa.	Schulz, William Hochstein	D.C.
	Va.	Schuman, Marcia Jeannette	Md.
	Nebr.	Schumann, John Charles	Pa.
		Schupp, Eric Adolph	D.C.
		Schupp, Louis Albert	D.C.



Schurter, Maxine Ann	D.C.	Scollon, Kenneth Martz	D.C.
A.B. 1944, Pomona College		A.B. 1950, The George Washington University	N.Y.
Schussler, John Daniel	D.C.	Scopellite, Frank	N.Y.
B.S. 1930, Gettysburg College		Scott, Alice Dorothy	D.C.
Schussler, Marianna Neiger	D.C.	Scott, Charles Earl	D.C.
Schuster, Arthur Marion	D.C.	Scott, Douglas Milton	Okl.
B.E. 1950, University of Toledo		Scott, Folsom Miko	Pa.
Schuster, Arthur Seymour	Md.	Scott, Fred Lewis	
Schutz, Julian Adolph	D.C.	B.S. 1949, Pennsylvania State Teachers College	D.C.
Schutz, Melvin	D.C.	Scott, George Edward	D.C.
A.B. 1948, The George Washington University		Scott, Gerald Lerol	D.C.
Schwaderer, George Jacob	D.C.	Scott, Harold Everett	Va.
Schwamer, Henry Carl, Jr.	N.Y.	Scott, James Jackson III	D.C.
B.S. 1936, United States Naval Academy		Scott, Jeramae	D.C.
Schwarm, James Stark, Jr.	Md.	Scott, Joseph Lee	Va.
Schwartz, Wilford Rudolf	D.C.	Scott, Joseph Raymond, Jr.	D.C.
Schwartz, Bella	Pa.	Scott, Laurence Taylor	D.C.
A.B. 1944, The George Washington University		B.S. 1950, Niagara University	
Schwartz, Celia	D.C.	Scott, Lois Collins	Va.
Schwartz, Helen Janet	D.C.	A.B. 1924, Duke University	
A.B. 1948, The George Washington University		Scott, Loretta Eastman	Va.
Schwartz, Herbert	D.C.	A.B. 1948, The George Washington University	Va.
A.B. 1950, The George Washington University		Scott, MacGregor Gordon	Va.
Schwartz, Julius Louis	N.Y.	Scott, Owen Woody	Va.
A.B. 1947, New York University		Scott, Pattie Jane	
Schwartz, Milton Allan	Md.	A.B. 1941, Flora MacDonald College	Va.
B.S. 1938, College of the City of New York		Scott, Robert Mitchell	
Schwartz, Norman	N.J.	B.E.E. 1940, Polytechnic Institute of Brooklyn	Pa.
Schwartz, Philip	N.Y.	Scott, Russell Bert	D.C.
Schwartz, Raphael Henry	Wis.	Scott, Walter Conrad	Mass.
B.S. in M.E. 1939, Marquette University		Scott, Walter Theodore	Md.
Schwartz, Robert Charles	D.C.	Scott, Wilbur Newton	Va.
Schwartz, Simon	D.C.	A.B. 1942, West Liberty State College	Va.
Schwartz, Sol		Scozzie, Charles Philip	D.C.
B.Ch.E. 1948, College of the City of New York		Scrivener, James Milton	Iad.
Schwartz, Stuart Irwin	D.C.	Scruggs, William Joseph	
Schwartzbach, Saul Marvin	Md.	Scudder, Kenneth Ralph	Md.
A.B. 1940, The George Washington University		B.S. in M.E. 1944, Purdue University	D.C.
Schwartzman, Beatrice Harrow	D.C.	Seuderi, Vincent James	Fla.
Schwartz, Frederick Charles	Md.	Scurlock, Bayne Porter	Fla.
Schwarz, Harry Emanuel	Md.	Sezudlo, Dolores Joann	
Schweiger, Irvine	Va.	Sezudlo, Walter	
A.B. 1937, College of the City of New York		A.B. 1930, J.D. 1932, University of Michigan	D.C.
Schweiger, Raye Rosenheck	Va.	Seabrook, Martha Rachel	
Schweikert, Elizabeth	Md.	A.B. 1946, The George Washington University	
Schweisthal, Robert John	D.C.	A.M. 1940, Columbia University	D.C.
B.S. 1948, Loyola University		Seabrooke, William Harexy, Jr.	N.Y.
Schweitz, Edwin Paul	D.C.	Seadler, Stephen Edward	Va.
Schwenck, Jane R.	D.C.	A.B. 1947, Columbia University	
Schwenk, Edwin Wallace	D.C.	Seal, Morgan Swain	Va.
Schweser, Alfred Joseph	D.C.	B.S. 1949, The George Washington University	
Schwichtenberg, Alan Edward	Va.	Seals, Charles Lesley	Md.
Schwichtenberg, Anna Lou	Va.	B.B.A. 1947, Tulane University	D.C.
Sciscent, Valerie Germaine	D.C.	Seaman, Gleason Orville	Pa.
Scithers, Ruth McKelway	D.C.	Search, Cecile Flanks	D.C.
Scoffone, August V.	Va.	Search, Harry Edwin	D.C.
Scoggin, Ellen Cooney	D.C.	Searle, Della L.	Va.
Scoggins, Charles Robert	Md.	Searle, Marvin Stuart	Okl.
A.B. 1948, University of Maryland		Sears, Earle Vincent	
		Sears, Lillian Floyd	
		A.B. 1950, The George Washington University	Va.
		Sears, Robert Elsworth	
		A.B. 1950, University of Cincinnati	

# Students Registered

537

Sears, Robert Whitfield B.S. 1943, Indiana State Teachers College	N.Y.	Seltzer, Norman B.S. 1948, College of the City of New York	N.Y.
Seaton, Shirley Marion Seavey, Carson Trafton A.B. 1941, Rollins College	Md. D.C.	A.M. 1950, University of Illinois	D.C.
Seay, Charles Fillmore Seay, Ralph Matthew A.B. 1950, The George Washington University	Va. Va.	Seltzer, Orie Selz, Bertram Neil Semkew, George Edward Semons, Joan Frances Sendejo, Serapio L. Senft, Otto Ernest A.B. 1943, Wartburg College B.D. 1946, Wartburg Theological Seminary	D.C. D.C. Pa. D.C. Tex. N.D.
Sebade, Donald Henry Seest, Edgar Lee, Jr. B.S.C. 1941, University of Georgia	N.Y. Va.	Seng, Dolores Marie Sengpiel, William Robert B.S. 1949, Wheaton College	Nebr. D.C.
Seest, Mary Jane Seela, John David Sedmak, Michael Edward A.B. 1949, Muhlenberg College	Ohio Md. Pa.	Sengstack, George Fleming Sera, Frederick Servais, Raymond Alois A.B. 1950, The George Washington University	D.C. Md. Wis.
Seibold, Robert Elvin Seeger, Edward Gustave Ph.B. 1942, University of Wisconsin	D.C. Wis.	Servidio, Salvatore Sessler, Albert Louis, Jr. B.S. 1950, Iowa State College	Va. Iowa
Seegrist, Donald Wayne Seekinger, Daniel Lamont, Jr. Seely, James Henry, Jr. Seely, William David Segal, Bernard Rubin B.S. 1949, The George Washington University	Va. D.C. Md. Pa. Md.	Sestokas, John Michael Severe, Doris Wilmar Severe, Everette Sevier, James Henry A.B. 1923, Howard Payne College	Pa. Md. Md. D.C.
Segal, Bruce Zoffin Segal, Joseph Segal, Nina Segal, Rena Greenblatt Seamanish, William Emory B.S. 1943, Wilson Teachers College	D.C. D.C. D.C. D.C.	Seward, James Samson B.S. 1949, M.S. 1950, University of Michigan	D.C.
Seigal, Arthur Irving Seiler, Marvin Lester Seiten, Herbert Robert Seiden, Lillian Koltovsky Seidert, Mildred Louise Seiland, John Oliver, Jr. Seiler, Peggy Ann Seiling, Lloyd Ralph A.B. 1949, University of Wisconsin	N.Y. Tex. N.Y. N.Y. Ala. Md. D.C. Wis.	Seward, Morton W. A.B. 1949, The George Washington University Sexauer, Henry Frederick Sexton, John Montgomery Seybert, Harry David A.B. 1950, The George Washington University	Va. D.C. Vt. D.C.
Seim, Lowell Edgar Seim, Maria Eugenia A.B. 1934, M.S. 1936, Wellesley College	D.C. D.C.	Seyen, Victor Emile, Jr. Seymour, John Aloysius Shaboski, Mary Pauline Shachner, Arthur Arden Shaddix, William Newton Shade, Henry Casper Shade, Lavern Paul Shade, Ned Louis Shafer, Fred James Shafer, Ralph Maurice Shafer, Robert Eugene B.S. 1950, University of Wisconsin	N.Y. Md. Maine N.Y. N.Y. D.C. Md. D.C. Md. D.C. Wis.
Seiple, Stanley Herkimer A.B. 1949, University of Connecticut	Conn.	Shaffer, Earl Edward Shaffer, Weller Jon, Jr. Shaffer, William Leslie Shah, Ahmad Maobul Shaker, Farrukh Sayer Shaller, Herman I. A.B. 1941, Brooklyn College	W.Va. Ohio Pa. D.C. Ind. N.Y.
Seisak, Nick John Seisler, Stanley Harold Seisler, Brett Marie Seisler, Ruth June Seisler, Thomas McClure Seisler, Joel Seisen, Mary Ellen Seisy, Florence Leiken Seiswitt, Lawrence E. A.B. 1949, The George Washington University	D.C. D.C. Md. Wash. Va. Va. D.C. Va. Conn. Mass.	Shalowitz, Ernest Maurice Shamigian, Zuvart Shandelmier, Ernest William Shane, Margaret Brinkerhoff A.B. 1948, The George Washington University	D.C. D.C. Pa. D.C.
Seisler, Lucy Mariah Seisler, Roland Diane Seisler, Robert Charles Seisler, Harry George A.B. 1949, University of Pittsburgh Seisler, Donald Miller B.S. 1948, North Carolina State College	D.C. D.C. Ohio N.C.	Shank, Joan Barry Shank, Robert Edgar Shanklin, Emily Shacklett Shanklin, Robert Marion A.B. 1949, Murray State College Shankman, Seymore B.S. in E.E. 1950, University of Miami	D.C. Md. Md. Ky. D.C.

Shanks, Oscar Eugene, Jr. A.B. 1949, The George Washington University	Md.	Shea, William Francis B.S. 1945, United States Merchant Marine Academy	D.C.
Shanks, Samuel Lee	D.C.	Sheshan, Marguerite Plummer A.B. 1940, University of Maine	D.C.
Shannon, John Elmer, Jr.	Pa.	Shear, Albert Earl	Va.
Shannon, Joseph James	Pa.	Shearer, Nancy Lee	Md.
Shapiro, David LL.B. 1950, The George Washington University	N.Y.	Shearin, Forrest Green, Jr. B.S. 1949, Wake Forest College	N.C.
Shapiro, Goodwin	N.Y.	Sheble, Walter Franklin A.B. 1948, Princeton University	Pa.
Shapiro, Gustave	D.C.	Shechtman, Jerry Elmer A.M. 1951, University of Chicago	Ill.
Shapiro, Irving	D.C.	Sheedy, David Richard	Va.
Shapiro, Laura Leib A.B. 1950, The George Washington University	N.Y.	Sheehan, James Finbarr B.S. 1950, Boston College	Mass.
Shapiro, Nelson Hirsch B.E. 1948, Johns Hopkins University	Md.	Sheeline, Elizabeth Scott	D.C.
Shapiro, Paul B.S. 1949, The George Washington University	D.C.	Sheets, Carolyn Sloan A.B. 1947, Wheaton College	N.Y.
Shapiro, Phyllis Rhoda	N.Y.	Sheffield, Larrimar Clinton	Mich.
Shapiro, Sandra Ruth	D.C.	Sheffield, Noreen Leahy	D.C.
Shapiro, Susan	D.C.	Shek, Mary Elizabeth	Md.
Shapley, Charles Leland	Va.	Sheldon, Myrtle Dunn A.B. 1916, University of New Mexico	Va.
Shapley, Ellen	D.C.	Shelhorse, Aurabelle Maryann	Va.
Shapson, H. Bernard	Pa.	Shelhorse, George Walter	D.C.
Sharkey, James Francis	Pa.	Shellard, Jennie Boyer	Pa.
Sharp, Bernard B.	D.C.	Shelley, Francis Joseph	N.J.
Sharp, Mary Theresa	D.C.	Shelly, George William	Va.
Sharp, Nugent Shannon B.S. 1950, Virginia Polytechnic Institute	Va.	Shelly, Herbert Hunter A.B. 1949, The George Washington University	N.J.
Sharp, Samuel Leonard LL.M. 1932, J.D. 1934, University of Warsaw, Poland	D.C.	Shelly, Ronald George	D.C.
Sharples, Ruby Strickland	Pa.	Shelton, Catherine Mary	Mich.
Shattuck, James Wilbur	N.Y.	Shelton, Thomas Edwin	D.C.
Shattuck, Phyllis Eleanor B.S. 1930, Simmons College	D.C.	Shenker, Shirley Lebeson A.B. 1949, The George Washington University	N.D.
Shaver, Wesley Paul	N.M.	Shenko, William Edward B.S. 1950, North Dakota State College	D.C.
Shaw, André Marie Pontonnier	Va.	Shenyurek, Eleanor West A.B. 1948, The George Washington University	D.C.
Shaw, Daryl Winston B.S. 1931, Pennsylvania State Teachers College, Mansfield	Md.	Shepanek, Helene Anna Meta	D.C.
Ed.M. 1936, Duke University	D.C.	Shepard, Robert Stanley B.S. 1950, The George Washington University	Va.
Shaw, Dolores	D.C.	Shepardson, Hazel Gertrude	Va.
Shaw, Elizabeth	D.C.	Shepherd, Anne Page A.B. 1945, American University	Md.
Shaw, John Joseph	Md.	Shepherd, Dorothea Glennie	D.C.
Shaw, Richard Kenneth	Va.	Shepherd, George Martin, Jr.	Tex.
Shaw, Robert Harrison A.B. 1940, Carroll College	Va.	Shepherd, Janet Nevin	
A.M. 1941, University of Wisconsin	Va.	Sher, William	
Shaw, Roberta Ann	D.C.	Sherard, Virginia Mae A.B. 1950, The George Washington University	D.C.
Shaw, Russell Ellwood	S.C.	Sherertz, Paul Claiborne B.S. in E.E. 1943, Duke University	D.C.
Shaw, Russell Ramon A.B. 1948, University of South Carolina	Va.	Shereshelsky, Ruth Miller A.B. 1949, University of Chicago	D.C.
Shaw, Walton Peckham	Va.	Sheridan, Philip Henry B.S. in E.E. 1944, Worcester Polytechnic Institute	
Shaw, William Frederick A.B. 1949, University of Miami	N.Y.	LL.B. 1949, The George Washington University	D.C.
Shaw, William Miller	D.C.	Sherline, Lee Stanley	N.Y.
Shawe, Rosalie	Ill.	Sherman, Benjamin A.B. 1948, New York University	N.Y.
Shawler, Claralou	Tex.	Sherman, Robert Dean B.S. 1949, Union College	Tex.
Shawn, Gladys May	Va.	Sherman, Robert Miller	
Shea, Catherine Virginia	Ohio		
Shea, Edward Arnold	Conn.		
Shea, James Francis	N.J.		
Shea, Joseph Michael	Mass.		
Shea, Richard Francis	Mass.		
Shea, Robert Tracy	Va.		



# Students Registered

539

Sherman, Roger William B.E.E. 1935, Clarkson College of Technology	N.Y.	Shipley, Carl Layton B.S. 1942, Georgetown University	D.C.
Sherman, Sidney A.B. 1947, The George Washington University	D.C.	Shipley, Charles Waldron A.B. 1942, Shepherd College	W.Va.
Sherman, Solomon Gaston	D.C.	Shipley, George Edward	D.C.
Sherman, William Robert B.S. in E.E. 1946, University of Wisconsin	Ill.	Shipley, William Stanton	D.C.
Sherman, Wilson Coyner	Va.	Shipman, Harvey Andrew	D.C.
Sherr, Alan Edward	Va.	Shipman, Karl Waldo	Mass.
Sherr, Harry	Fla.	Shirley, William Cluff	Md.
Sherriff, James Edward A.M. 1950, American University	D.C.	Shirk, Gilbert LaRue	Pa.
Sherrill, Laverne Herman A.B. 1947, The George Washington University	Md.	Shirk, Grace Etta	D.C.
Sherris, Sidney S. B.S. 1949, The George Washington University	Okla.	Shirley, Fred William, Jr. A.B. 1949, The George Washington University	D.C.
Sherry, Janice Lorraine	D.C.	Shirley, John William	Md.
Sherwin, William Winsor	Wis.	Shirley, Reginald Douglas	N.Y.
Sherwood, E. Joyce B.S. 1945, Central Michigan College of Education	Va.	Shiver, David Hawley	Ark.
Sherwood, Frederick	Mich.	Shkolnik, Leon Jerome B.S. in M.E. 1948, Newark College of Engineering	N.J.
Sherwood, James Steck A.B. 1947, The George Washington University	Va.	Shockey, Evelyn Louise B.S. 1946, University of Virginia	D.C.
Shirley, Russell Edgar	Va.	Shoemaker, Charles Erwin	Pa.
Shiva, Gertrude Marie A.B. 1950, College of Wooster	Pa.	Shoemaker, Randall	Va.
Shewach, Lawrence Peace A.B. 1943, Brooklyn College	N.Y.	Shoemaker, Robert Frank	D.C.
Sheslin, Thomas Joseph, Jr. B.S. 1949, University of Scranton	Pa.	Shoemaker, Thomas Alva Edison, Jr.	D.C.
Shier, Jo Ann	D.C.	Shoemaker, William Robert L.L.B. 1950, The George Washington University	D.C.
Shiley, Frances Wilhelm	Va.	Shookman, Loyd Allen A.B. 1949, The George Washington University	Ind.
Shield, Benjamin Bayard	Fla.	Shore, Jacob B.S. in M.E. 1946, Illinois Institute of Technology	Ohio
Shields, Elsie Trigg	Md.	Shore, Parkhurst Alan B.S. 1949, The George Washington University	Md.
Shields, James Robert B.S. 1949, University of Maryland	Md.	Shorey, Mary Lita	D.C.
Shields, Patricia McDonald A.B. 1949, Goucher College	Pa.	Short, Avery Densmore, Jr.	D.C.
Shields, Rita Katharine A.B. 1949, The George Washington University	Mont.	Shotwell, Clark Harding	Va.
Shiffert, Amos Owen A.B. 1949, Bridgewater College	Va.	Shouse, William James A.B. 1950, The George Washington University	Ky.
Shifler, Paul Wilson A.B. 1946, Bridgewater College	Va.	Showalter, David Norman, Jr.	Md.
Shilling, Charles Wiley	Va.	Showalter, Jeanne Fay	Va.
Shim, Alvin Tong A.B. 1949, University of Hawaii	Hawaii	Shreve, Earl Randolph	Va.
Shimabukuro, Henry A.B. 1954, College of William and Mary	Hawaii	Shreve, Judith Hall	D.C.
Shimoda, Daniel Francis B.S. 1944, Yale University	Mass.	Shriver, Jean Elizabeth	D.C.
Shindell, Sidney M.D. 1946, Long Island College of Medicine	Conn.	Shropshire, Walter Allen	Va.
Shiner, Julian James B.S. 1949, United States Coast Guard Academy	Ga.	Shrook, Mildred M. Knott B.S. 1947, Madison College	Md.
Ship, Kenneth Ray	Md.	Shrook, Richard Fuller A.B. 1949, University of North Carolina	N.C.
Shirley, Frederick Herman, Jr. B.S. 1950, University of Nebraska	Nebr.	Shuger, Harold Bernard A.B. 1946, University of South Carolina	Pa.
		Shugus, Caroline Louise B.S. in Ed. 1947, Pennsylvania State Teachers College, Shippensburg	W.Va.
		Shupart, Elizabeth W.	Tex.
		Shupart, James Earl A.B. 1949, The George Washington University	Va.
		Singhrou, Nelle Catharine B.S. 1942, West Virginia University	D.C.
		Shullensberger, John Albert	N.Y.
		Shuler, Gloria Marie B.F.A. 1948, Syracuse University	

Shultz, Meyer	D.C.	Silverman, Lawrence	N.J.
B.S. 1929, College of the City of New York		Silverman, Maurice Bernard	Conn.
A.M. 1931, Columbia University		A.B. 1949, The George Washington University	D.C.
Shurman, John Jack	Pa.	Silvert, Blanche Jacoby	Md.
Shuster, Alvin	D.C.	Silvey, Mary Wright	
Shuster, Jacob	N.Y.	A.B. 1947, Western Maryland College	D.C.
B.M.E. 1949, College of the City of New York		Simi, Norma Therese	Va.
Shuster, John Charles	D.C.	Simmons, Anne Ward	
Shutkin, Joseph Jerome	Wis.	A.B. 1948, University of Maryland	Idaho
A.B. 1947, University of Wisconsin		Simmons, Boyd K.	
Sibthorp, George	Fla.	A.B. 1950, Brigham Young University	D.C.
Sibul, Allan	D.C.	Simmons, Caroline Thompson	
Sickles, David Cauldwell	D.C.	A.B. 1931, Bryn Mawr College	Va.
Sidle, Thelma Blanche	D.C.	Simmons, Earle Mitchell	D.C.
Siebert, Patricia Anne	D.C.	Simmons, Henry Taylor	
Siegel, Abraham	Calif.	A.B. 1950, Yale University	Tenn.
B.S. 1940, College of the City of New York		Simmons, Leland Walker	
J.D. 1950, The George Washington University		B.E. 1951, Georgia Institute of Technology	D.C.
Siegel, Harry M.	D.C.	Simmons, Mary Bachhuber	D.C.
Siegel, Julian Lee	Md.	B.S. in Eng. 1946, Radcliffe College	D.C.
Siegel, Nathan	D.C.	Simmons, Mildred Cora	Md.
B.S. 1939, College of the City of New York		Simmons, Richard Paul	D.C.
Siegel, Ralph	N.Y.	Simms, Harry Arthur, Jr.	N.Y.
A.B. 1948, University of Maryland		Simon, Girshin	
Siegel, Sidney Herbert	N.Y.	Simon, Leonard Eli	D.C.
A.B. 1938, Brooklyn College		B.S. 1948, Ohio State University	Mass.
A.M. 1940, New York University		Simon, Melvin	D.C.
Siegel, William Marvin	D.C.	Simonetti, Edward	N.C.
Siegfried, Robert Ellwood	Ohio	Simonton, Lawrence Joseph	
A.B. 1950, The George Washington University		Simpson, Harold Edward	
Siemer, Joan Edith	N.Y.	A.B. 1936, A.M. 1946, University of North Carolina	N.C.
Siema, Henry Gerard Frederick	Md.	Simpson, Herman Leroy	Va.
A.B. 1941, Johns Hopkins University		Simpson, J. Lupton	
Siffrin, Frederick William	Md.	B.S. 1925, Hampden-Sydney College	Va.
A.B. 1950, Western Maryland College		Simpson, Jack Byron	Calif.
Sifton, Paul Ginsburg	D.C.	A.B. 1949, Earlham College	
Singers, Janice Muriel	D.C.	Simpson, James William, Jr.	
Sikorsky, Albert	D.C.	Simpson, Joseph	
Silberman, Louis Benjamin	Md.	A.B. 1950, The George Washington University	D.C.
B.S. 1947, College of the City of New York		Simpson, Richard Douglas	Md.
Sileo, Michael Anthony, Jr.	N.J.	A.B. 1940, Westminster College	D.C.
Silliman, Julian Winthrop	D.C.	Simpson, Richard Lee	
A.B. in Eng. 1930, Stanford University		Simpson, Robert Edward	Pa.
Silver, Charles	N.J.	A.B. 1938, Amherst College	N.C.
A.B. 1950, The George Washington University		Simpson, Robert Ellsworth	
Silver, Elizabeth Phelps	D.C.	Simpson, Roxie Collie	
Silver, Jack Samuel	D.C.	A.B. 1932, Meredith College	Va.
A.B. 1949, The George Washington University		A.M. 1950, The George Washington University	N.Y.
Silver, Richard A.	Mass.	Simpson, Thompson James	
A.B. 1943, Boston University		B.E. 1938, Tulane University	Ohio
Silver, Warren A.	D.C.	Sinauer, Ernst Maxwell	Va.
LL.B. 1940, Columbia University		A.B. 1939, Cornell University	D.C.
A.B. 1948, University of California		Sincich, Milovan	N.J.
Silverberg, Stanley Melvin	D.C.	Sinclair, Shela Ann	D.C.
B.S. 1948, The George Washington University		Sincoff, Ellen Barbara	D.C.
Silverman, Betty Zelma	D.C.	Sindlinger, Claire Kendrick	Wis.
Silverman, David	D.C.	Sing, Milton Leo	
Silverman, Ely	N.Y.	Singel, Robert Duane	D.C.
A.B. 1940, New York University		A.B. 1941, University of Wisconsin	D.C.
B.S. 1947, Columbia University		Singer, Allen Milton	
		Singer, Lawrence Robert	
		B.S. 1950, The George Washington University	D.C.
		Singer, Markus Morton	
		B.C.E. 1939, New York University	D.C.
		Singer, Mary Phyllis	

# Students Registered

541

Singletary, John Roland B.S. 1936, United States Military Academy	Ga.	Skinner, Paul Artemus A.B. 1950, The George Washington University	Mass.
Singleton, Julius Knox A.B. 1941, Berea College	D.C.	Skloot, Marvin Mayer Skougaard, Robert Ivar	N.J. D.C.
Singleton, LeRoy J. A.B. 1941, Marjorie Christensen	Va.	Skofsa, Lillian Lorraine	Md.
Singman, David B.S. 1949, The George Washington University	D.C.	Skvarna, John Joseph	Pa.
Sinker, Robert Sidney	Md.	Slack, Richard Lee B.S. 1950, West Virginia Wesleyan College	W.Va.
Sinn, William Herman	D.C.	Slack, William	D.C.
Sipes, John William A.B. 1942, The George Washington University	Va.	Slack, Francis Leonard	Md.
Li.B. 1949, Georgetown University	Va.	Slater, Chester Arthur, Jr. A.B. 1937, Brown University	Md.
Sirbaugh, Isaac William	D.C.	Slavin, Joseph George A.B. 1949, A.M. 1950, The George Washington University	D.C.
Sirota, Helene Catole	Pa.	Slavin, Leon Jacob	N.Y.
Sirwatka, Paul Joseph A.B. 1950, Catholic University of America	D.C.	Sinats, Carolyn Sloan A.B. 1947, Wheaton College	N.Y.
Sisk, Joanne	Va.	Sloan, Nicholas Arthur	Md.
Sisk, Johnnie Coffee	Ga.	Sloan, Stella Mary	Md.
Siskind, Eliot Irvin A.B. 1948, Johns Hopkins University	Md.	Sloane, Edward Frederick A.B. 1950, The George Washington University	Md.
Sison, Milagros T. E. B.S. 1950, University of Philadelphia	Pa.	Sloat, Halbert Maitland, Jr.	D.C.
Sithens, Edward Samuel A.B. 1950, The George Washington University	Md.	Sloat, Menley Jay	N.Y.
Sithens, Luella Edwards	N.I.	Slotenmaker de Bruijne, Maria Wilhelmina	D.C.
Sitz, Clifford E.	D.C.	Slorkey, Barbara Jane	Fla.
Sitz, Raymond Walter B.S. 1946, United States Naval Academy	D.C.	Sloder, Troy Hamilton, Jr.	Va.
Sivasubramaniam, Chitttravelu	Ceylon	Slusher, Sarah Velma	Okla.
Sizemore, Harry Daniel A.B. 1949, College of William and Mary	Va.	Slutsky, Mary B.S. 1947, West Virginia University	W.Va.
Sizod, Joseph Mades	D.C.	Slv. Robert Dunham	Md.
Skages, Glenn Austin	D.C.	Smale, Bernard Clair B.S. 1949, University of Pittsburgh	Pa.
Skalak, Rose A.B. 1949, Hunter College	N.Y.	Small, Constance A.B. 1946, Mary Baldwin College	Va.
Skartredt, May Olson B.S. 1940, Columbia University	Md.	Small, Donald	D.C.
Skelly, George Martin, Jr. A.B. 1947, The George Washington University	Md.	Small, Grover Lee A.B. 1949, University of Maryland	D.C.
Skelly, John Thomas	Fla.	Small, John Scott	Md.
Skellon, Junius Benjamin	D.C.	Small, Leonard A.B. 1949, The George Washington University	N.Y.
Skidmore, Bettijane Henry A.B. 1949, West Virginia University	W.Va.	Smalley, Walter Byron	N.C.
Skidmore, Jack Hoover	N.C.	Smart, James Alexander	D.C.
Skidmore, James Harold A.B. 1949, West Virginia University	D.C.	Smatana, Thomas Martin	D.C.
Skilman, Douglas Benjamin B.S. 1942, Pennsylvania State College	Md.	Smay, Charles Franklin, Jr.	Md.
Skilman, Thomas Lee B.S. 1949, St. Louis University	Md.	Smellowsky, Stephen James	Pa.
Skinner, John William A.B. 1942, Wesleyan University	Md.	Smeltzer, Karl Christian	Mich.
Skinner, Joseph Chester B.S. 1945, Missouri State Teachers College	Md.	Smereski, Charles, Jr. B.S. 1949, Ithaca College	Va.
Skinner, Leonard Morris	D.C.	Smernoff, Stephen David	Conn.
Skinner, Minter Perry A.B. 1947, Fairmont State College	W.Va.	Smigelski, Joseph Francis B.S. 1941, Boston University	Mass.
A.M. 1934, West Virginia University		Smith, Albert Eugene A.B. 1930, Indiana Central College	Ill.
		A.M. 1934, University of Illinois	
		Smith, Alma Marie	Ill.
		Smith, Archie Lee	D.C.
		Smith, Arthur Robert, Jr.	D.C.
		Smith, Arvilla Ina	Pa.
		Smith, Barbara Anne	Md.
		Smith, Benjamin Williams B.S. 1940, Virginia Polytechnic Institute	Va.
		M.S. 1947, The George Washington University	
		Smith, Bernard Charles	Ohio
		Smith, Betty Hewitt	D.C.
		Smith, Betty Jane W.	D.C.



Smith, Betty Wilson	D.C.	Smith, James Oscar	Va.
Smith, Bonnie Dora	Tex.	Smith, James William	Md.
Smith, Carolyn Mary	D.C.	Smith, Jennings Talbot	D.C.
Smith, Casper Hayden, Jr.	Okla.	A.B. 1950, The George Washington University	Md.
Smith, Charles Earl	Md.	Smith, Joan Marlowe	D.C.
Smith, Charles Nesbitt	D.C.	Smith, John Francis	D.C.
Smith, Charles William	N.Y.	Smith, John Philip	Md.
A.B. 1951, The George Washington University		Smith, Joseph Anton	Va.
Smith, Clara Louise	Va.	Smith, Joseph Pearl, Jr.	
Smith, Daniel Elliot	D.C.	B.S. 1949, University of Illinois	Va.
B.S. in Ch.E. 1945, University of Rochester		Smith, Joyce Elizabeth	Md.
Smith, Darrell Fenwick	Ariz.	Smith, Julian Bingham	D.C.
Smith, David Bushnell	D.C.	Smith, Kendall Owen	Va.
Smith, Donald David	Md.	Smith, Kirk Brannon	N.Y.
Smith, Edward Anthony	D.C.	Smith, Lawrence Crane	Vt.
Smith, Edward Naumer	Md.	Smith, Lawrence McIntire	
A.B. 1947, Middlebury College		A.B. 1949, Middlebury College	Va.
Smith, Elbert Keener	Tex.	Smith, Louis Guy, Jr.	Va.
Smith, Eleanor Lockery	D.C.	Smith, Luther Earl	D.C.
Smith, Elizabeth Popovich	R.I.	Smith, Margaret Anne	
Ed.B., 1941, Rhode Island College of Education		A.B. 1950, The George Washington University	Md.
Smith, Emory Conway	Md.	Smith, Margaret Ernestine	Md.
Smith, Emory Clark	Tex.	Smith, Marilyn Ann	Va.
A.B. 1929, North Texas State Teachers College		Smith, Marjorie Hunt	
A.M. 1933, University of Texas		A.B. 1949, Syracuse University	D.C.
LL.B. 1937, Southern Methodist University		Smith, Marvin Franklin	Va.
Smith, Ethel Louise	D.C.	Smith, Mary Ann	Ga.
A.B. 1931, A.M. 1933, American University		Smith, Mary Louise	Va.
Smith, Frances Caldwell	Va.	B.S. 1926, University of Chicago	Md.
A.B. 1935, College of William and Mary		Smith, Mayer	
Smith, Frank White	Md.	Smith, Mea Clyde	
Smith, Fred Bagwell	Va.	A.B. 1917, University of Texas	Ga.
Smith, Frederic Newcomb	Ind.	Smith, Melville Arthur, Jr.	Okla.
Smith, Frederick Lovick	D.C.	Smith, Merle George	D.C.
Smith, French Crawford	Md.	Smith, Mildred Jonathan	
Smith, George Francis	D.C.	A.B. 1945, Bryn Mawr College	W.Va.
A.B. 1950, The George Washington University		Smith, Nancy Caroline	
Smith, Gowans	Md.	B.S. 1945, West Virginia Wesleyan College	N.Y.
A.B. 1927, Princeton University		Smith, Natalie Harriet	D.C.
Smith, Grady Fay	Va.	Smith, Nelson William	D.C.
Smith, Gwladys Lewis	Mich.	Smith, Nicholas	Md.
B.S. 1928, Michigan State Normal College		Smith, Nina Buist	Va.
Smith, Harold	N.Y.	Smith, Noah Mack	Md.
A.B. 1951, The George Washington University		Smith, Peter Alexander	N.Y.
Smith, Harold Calmes, Jr.	Md.	Smith, Philip Hillyer, Jr.	
A.B. 1950, The George Washington University		A.B. 1947, Harvard University	Md.
Smith, Harry	Ill.	Smith, Ralph Edwin	D.C.
B.S. 1920, United States Naval Academy		Smith, Raymond Clarence	Va.
Smith, Herbert Willard	D.C.	Smith, Raymond Harold	Va.
Smith, Howard Clayton	N.Y.	Smith, Rebecca Olive	N.Y.
Smith, Hugh Edward		Smith, Richard Robinson	Ala.
B.Ch.E. 1947, Rensselaer Polytechnic Institute		Smith, Robert	
Smith, J. Gordon	Md.	Smith, Robert Clyde	D.C.
Smith, Jack Albert	N.M.	A.B. 1943, University of Alabama	
Smith, Jack Haywood	D.C.	Smith, Robert Clyde, Jr.	Va.
Smith, Jackson Wray	Ariz.	B.S. 1950, Randolph-Macon College	Ill.
A.B. 1948, The George Washington University		Smith, Robert Dilman	Va.
Smith, James Mitchell	D.C.	Smith, Robert Sams	
		Smith, Robert Tynes III	
		A.B. 1948, The George Washington University	Tenn.
		Smith, Samuel Bowd	Va.
		Smith, Samuel Rodmond	
		A.B. 1948, The George Washington University	D.C.
		Smith, Sheldon Keith	Ga.
		Smith, Stuart Seamp	Va.
		Smith, Thomas Benjamin	
		Smith, Thomas Jerald	

# Students Registered

543

Smith, Thomas Lewis	Md.	Sodano, Emanuel Michael	Md.
Smith, Thomas Richard	N.Y.	B.S. 1942, College of the City of New York	
B.M.E. 1950, Rensselaer Polytechnic Institute		Sodd, Mary Ann	D.C.
Smith, Timothy Edward	Md.	Soffen, Marvin Clarence	D.C.
A.B. 1947, Swarthmore College		B.Ch.E. 1949, Cornell University	
A.M. 1946, New Jersey State Teachers College		Sokolowsky, William	N.Y.
Smith, Verna Emily	D.C.	Solal, Juan Louis	France
Smith, Walker William	Va.	A.B. 1950, The George Washington University	
A.B. 1950, The George Washington University		Solf, Wallemar Alexander	Va.
Smith, Wallace Morrell	N.C.	A.B. 1955, J.D. 1937, University of Chicago	
A.B. 1949, The George Washington University		Solis, Arnold	D.C.
Smith, Walter James	Ill.	Solis, Marvin Saldana, Jr.	Ill.
B.S. 1950, University of Denver		Solowoda, Stanley Francis	Mass.
Smith, Warren Webster	D.C.	Sollers, Joseph Porter	Md.
Smith, Wayne Leroy	Calif.	B.S. 1942, Maryland State Teachers College, Frostburg	
Smith, Wilda Perez	Va.	A.M. 1946, West Virginia University	
Smith, William Christopher	D.C.	Solms, Nancy Tharber	N.Y.
Smith, William Francis	Va.	A.B. 1946, The George Washington University	
A.B. 1949, University of Virginia		Sollitt, William	Kans.
Smith, William Milton	Miss.	Solomon, Edward, Jr.	Pa.
Smith, William Parkhurst, Jr.	D.C.	A.B. 1949, Pennsylvania State College	
Smith, William Patrick	D.C.	Solomon, Henry	D.C.
Smithbauer, Donald Joseph	Pa.	A.B. 1949, Brooklyn College	
Smither, Marian Alexander	D.C.	A.M. 1950, New York University	
B.S. 1934, Wilson Teachers College		Solomon, Leonard Alexander	Md.
Smithy, Frances Meenan	D.C.	B.S. 1950, University of Maryland	
A.B. 1941, University of Chicago	Calif.	Solomon, Lewis Jay	N.Y.
Smithy, Linal Dale	D.C.	Solomon, Nona Lee	D.C.
Smithson, Clyde Elmer	Md.	Solomon, Suzanne Nancy	D.C.
Smithson, Richard Joseph	D.C.	Solomonson, Carl Edward	Ohio
B.S. 1949, Georgetown University		Solot, Eugene Victor	Va.
Smokler, Melvin Irving	D.C.	Solow, Max	Md.
Smoot, Jeannette Irving	Pa.	B.E.E. 1943, M.S. 1950, The George Washington University	
Smullen, Isabelle Anna	D.C.	Solter, Myron Woodrum	D.C.
B.S. 1947, Temple University		A.B. 1950, The George Washington University	
Smulow, Victor	N.Y.	Soltow, William Donald, Jr.	Fla.
Smyeniotis, Pauline Zoe	Pa.	B.M.E. 1948, Rensselaer Polytechnic Institute	
B.S. 1948, The George Washington University		Somerman, Marcia Beverly	Pa.
Snatager, Leonie	D.C.	Somers, Edward	W.Va.
A.M. 1940, University of Amsterdam		Somers, George Bratton	Va.
Snee, Heeter Arbutus	D.C.	A.B. 1919, University of Richmond	
Snell, Henry Ambrose, Jr.	D.C.	Somerville, Helen	D.C.
B.S. 1942, University of Maine		Somkin, Fred	D.C.
Snell, Roy Edward	Va.	A.B. 1946, Wayne University	
Snellings, Kenneth Gerald	D.C.	Sommers, Lucille W.	Mich.
Snider, Frankie Louise	W.Va.	Sonens, Milo Wilcox	Va.
Snodgrass, Ernest Walter		B.S. 1936, Ed M. 1947, University of Maryland	
A.B. 1912, Morris Harvey College		Sonnenbend, Joel Simon	Md.
Snodgrass, Paul David	Va.	Sonnenberg, Herbert Jerome	Md.
Snodgrass, Charles Edwin	Md.	Sommer, Genevieve Lois	La.
B.E.E. 1948, Clarkson College of Technology		Soper, Jessie Gallahan	Md.
Snow, Edward Francis, Jr.	D.C.	B.S. 1942, University of Maryland	
Snow, Robert Kenneth	D.C.	Sopka, Stephen Joseph	Pa.
Snyder, Thomas Lawrence	N.Y.	B.S. 1942, University of Scranton	
Snyder, Charles Joseph	N.J.	Sorensen, Leslie Peter	Nebr.
Snyder, Emmor Frederick	Ohio	A.B. 1934, A.M. 1941, University of Nebraska	
Snyder, Mark Curtis	D.C.	Sorensen, Richard Mervyn	Ill.
Snyder, Mary Elizabeth	N.I.	Sorensen, Marian Ruth	Iowa
Snyder, Morton Leonard	D.C.	Sorge, William Friedrich	D.C.
Solack, Bernard George	Pa.	Sorlie, Irene Dorothy	Va.
Sobolewski, Emma May	D.C.	A.B. 1948, Rocky Mountain College	
A.B. 1915, Missouri Valley College			
Socler, Marilyn Paper	Md.		
Socler, Milton Joseph	Md.		

Sorrell, Frederick Maurice	Va.	Speir, Woodrow Wilson	Calif.
Sorrell, Richard Alexander	Md.	B.S. 1941, University of Pennsylvania	D.C.
Sorrells, John Robert	Md.	Speiser, Rose Catherine	Idaho
Soscia, Louis Robert	D.C.	Spence, Charles E., Jr.	
A.B. 1949, The George Washington University		A.B. 1950, The George Washington University	Va.
Soucek, Frank James	Va.	Spencer, Charles Flavius	
B.E.E. 1948, The George Washington University		A.B. 1944, University of North Carolina	Md.
Souther, Richard Stirling	Va.	Spencer, Doyne Weston	D.C.
Southerland, Elisabeth Lamkin	Ga.	Spencer, George Browning	Md.
A.B. 1940, University of Georgia		Spencer, Mabel Sidell	
Southwell, Paul M.	Va.	M.S. 1946, West Virginia University	D.C.
A.B. 1940, The George Washington University		Spencer, Maurice Vernon	Va.
Sowards, Maxine Ezer	D.C.	Spencer, Ray	Va.
Sowder, Raymond Curtiss	W.Va.	Spencer, Richard Overton	D.C.
A.B. 1949, The George Washington University		Spencer, Thelma Lois	Mont.
Sowell, John Broadus	D.C.	Spencer, Vernon Frederick	
B.M.E. 1947, Georgia Technical Institute		A.B. 1942, Montana State University	Md.
Spaeth, Sister Mary Theodore	Pa.	Spencer, William John	Mass.
Spagnoli, Adolph	D.C.	Sperduti, Dominick Rocke	
Spaid, Giles Henry	D.C.	A.B. 1949, Brown University	Va.
Spain, Herman Foote	N.C.	Spessard, Callahan Michael, Jr.	D.C.
Spain, Hillery David	N.C.	Spiegel, Jerome	
Spain, Norman Noah	N.Y.	B.E.E. 1949, College of the City of New York	N.Y.
A.B. 1946, Brooklyn College		Spiegler, Robert Lee	D.C.
Spalding, James Spencer, Jr.	D.C.	Spielman, Edward Thomas	D.C.
Spangle, Clarence Wilbur	D.C.	Spiker, Donald Ace	D.C.
B.E. 1945, Yale University		Spilane, Lester Walter	D.C.
Spangler, Leonard William	Va.	Spiliotis, Niki	Utah
B.S. 1950, The George Washington University		Spilsbury, Calvin C.	
Spann, George Klepfer	Md.	A.B. 1943, The George Washington University	N.Y.
Spann, Leo John	N.Y.	Spindler, June Arlyne	Ill.
B.S. 1950, Georgetown University		Spinner, Jack Robert	Fla.
Sparger, Richard Rex	Okla.	Spirides, James Dennis	
Sparkman, Denzel Woodrow	Mo.	A.B. 1940, The George Washington University	N.Y.
Sparks, Lemuel Columbus, Jr.	Md.	Spitler, George Wilson	D.C.
A.B. 1940, Roanoke College		A.B. 1946, Columbia University	N.Y.
Sparks, Morris Murray	N.Y.	Spitler, Robert Henry	
Spatz, Murray	N.Y.	Spitz, Herbert	D.C.
B.S. 1950, The George Washington University		A.B. 1947, Brooklyn College	N.Y.
Spatz, Sol	N.Y.	Spitzer, Lillemor Elena	
B.E.E. 1950, Pratt Institute		Spivack, Jack	Md.
Spaulding, Jo Anna	D.C.	B.S. 1949, Long Island University	
Spear, Harvey Milton	R.I.	Spivey, Mattie Rue	
A.B. 1942, Brown University		B.S. 1943, Texas State College for Women	Va.
LL.B. 1948, Harvard University		M.S. 1947, Idaho State College	
A.M. 1940, The George Washington University		Spivey, Thomas Denmuth	Nebr.
Spearnak, Pearl	Pa.	A.B. 1940, University of North Carolina	
Specht, Norman Eugene	Va.	Splinter, Donna Marie	Pa.
Spector, Eugene Paul	D.C.	A.B., B.S. 1948, Midland College	
A.B. 1947, The George Washington University		Spock, John Paul	Minn.
Spector, George	Va.	A.B. 1950, University of Maryland	Kans.
B.C.E. 1942, M.C.E. 1947, Brooklyn Polytechnic Institute		Sponheim, Carol Elaine	D.C.
Spector, Samuel Ira	N.Y.	Spoonamore, Edward Bruce, Jr.	Iowa
Spector, Sharon Madeline	Md.	Spraitz, James Patrick	D.C.
Spector, William Samuel	Wis.	Spraker, Glenn M.	
B.S. 1950, The George Washington University		Spratling, Bruce Bob	Va.
Speer, William Thomas	D.C.	B.S. 1948, University of Tulsa	Ala.
Speevack, Harold Lynn	Ohio	Spraxew, Phillip Temolei	
B.S. 1949, Ohio University		Springer, Curtis Howe	W.Va.
Speidel, Edward Owen	Mo.	A.B. 1941, University of Alabama	
		Sprohse, James Marshall	Wyo.
		LL.B. 1949, Columbia University	
		Sprowell, Robert Roy	Ind.
		A.B. 1944, University of Denver	Ind.
		Springer, Dwight Edmund	
		Springer, Frederick	



# Students Registered

545

Spurlock, Gene Paul	Ky.	Starke, Parke Purdy, Jr.	Va.
Sparlock, Roy Taylor	Md.	B.S. 1940, University of Richmond	
Squire, William Harry	Va.	B.S. 1941, California Institute of Technology	
A.B. 1950, The George Washington University		Starkey, Jesse Lee	Md.
Srenack, Stanley Edward	Ohio	A.B. 1948, Western Maryland College	
Sroka, Edward Andrew	Md.	Starnes, Nancy Ely	Va.
Stoke, Wanda Irene	D.C.	A.B. 1945, Bryn Mawr College	
Stachniewicz, Gloria Patricia	Calif.	Starr, Myron Maffin	D.C.
A.B. 1949, University of California		Starr, Selig	N.Y.
Stachowrak, Edward Joseph	Pa.	A.B. 1940, Brooklyn College	
Stachura, Wendy Sue	Va.	A.M. 1951, The George Washington University	
Stadtmueller, Mary Elizabeth	Iowa	Starr, William Arthur	Kans.
A.B. 1925, Coe College		A.B. 1948, University of Kansas	
Stafford, Frank Chapman	Va.	Stasiewicz, Richard Paul	Wis.
B.S. 1950, Virginia Polytechnic Institute		Stath, Mamie	D.C.
Stafford, Richard Lyman	Calif.	Statland, Edward Morris	D.C.
Stafford, William Thomas	D.C.	Statts, Helen Anna	D.C.
Stalot, Erna Jean	Md.	Stauffer, George Lester	Md.
Stage, Anson Hutchinson	Va.	Stauffer, James Elwood	Calif.
Stahl, Robert William	Pa.	A.B. 1940, Franklin and Marshall College	
A.B. 1948, Gettysburg College		Staver, Evelyn Jane	Va.
Stainbrook, Norbert Elery	Pa.	Stavropoulos, Angelo	Mass.
Stair, Joy Ann	D.C.	Steadman, Frank McNulty, Jr.	Va.
Stakes, Richard Arthur	Md.	Steadman, Lewis Tilden	Mich.
Stallins, Carlyse Page	Md.	B.M.E. 1946, Syracuse University	
Stallins, Clyde Morton	N.C.	Stearman, David Lester	D.C.
A.B. 1948, Duke University	D.C.	Stearn, Edna Vyvyan	Canada
Stallsmith, William Paul, Jr.		Stech, Philip Clifford	W.Va.
Stambaugh, Harold Eugene	Md.	Stedman, Harold Mark	D.C.
B.S. 1948, University of Pennsylvania	Pa.	Stedman, Malvern Vance	Va.
Stamey, Harry Clay		Stedman, Miriam White	D.C.
A.B. 1940, The George Washington University		Steeber, William Vincent	D.C.
Stamey, Nancy Lee David	Pa.	Steed, Mildred Elizabeth	Va.
Stamper, Charles William	D.C.	B.S. 1931, Virginia State Teachers College	
Stamper, William Clark	Va.	Steele, Oscar	Ill.
Stander, Maxwell	N.Y.	Steele, Patricia Coles	Va.
B.S. 1942, College of the City of New York		Steele, Arthur D.	N.C.
Stanfield, Florence Virgene	Ohio	A.B. 1945, Elon College	
Stange, William Herman	D.C.	Ed M. 1943, University of North Carolina	
Stanges, Julius Thomas	Va.	Steers, Frank Broadbent, Jr.	D.C.
B.S. 1941, Catholic University of America		A.B. 1950, American International College	
Stanzehr, Arnold George Edwin	Va.	Steers, Robert Leland	Va.
Stanhope, Jane Summers	D.C.	A.B. 1940, Marietta College	
Stanhope, Thomas Alfred	Ga.	Steffey, Richard Carlisle	Va.
A.B. 1950, University of Maryland		A.B. 1943, Roanoke College	
Stankovic, Nikola Dragisa	Yugoslavia	Stegall, Edith Beverly	N.C.
Stanley, Gregory Quin	N.Y.	Stegemeyer, Walter William	Va.
Stanley, Mary Thomas	Ohio	B.S. in E.E. 1941, United States Naval Academy	
Stanley, Wayne Madison	Calif.	Stehle, Donald Vincent	D.C.
Stanbury, James William	Va.	Stein, Charles	Md.
Stanfield, James Arthur	Wash.	B.S. 1914, Case Institute of Technology	
B.S. 1949, Washington State College		Stein, Helen Louise	D.C.
Stanton, Annabelle	Va.	Stein, Julian Ulman	D.C.
Stanton, Robert Alexander	D.C.	B.S. 1950, The George Washington University	
Stapleford, Margaret Josephine Mary	Va.	Stein, June	N.Y.
Staples, LeRoy Brown	R.I.	A.R. 1950, Barnard College	
Staples, Stanley Foster	Md.	Stein, Laura	Pa.
Stapleton, Joseph Edward	Md.	Stein, Marvia Hubert	D.C.
Stark, Christopher Randolph, Jr.	Miss.	A.B. 1950, Yale University	
B.S. in C.E. 1939, Mississippi State College		Stein, Mervin	Pa.
Stark, John Regan	D.C.	B.S. 1947, B.C.E. 1948, Rensselaer Polytechnic Institute	
A.B. 1938, Cornell University		Stein, Norman Albert	D.C.
M.P.A. 1946, New York University			
Stark, Neil Elmer	Va.		
Stark, Norman Paul	Utah		

Stein, Paula M.	D.C.	Sterling, Marion Thornton	Tex.
Stein, Ruth	D.C.	A.B. 1936, Baylor University	D.C.
Stein, Selma	D.C.	Sterling, Milton Calvin	D.C.
Stein, Stanley	N.Y.	Sterling, Norris Virginia	Md.
A.B. 1949, The George Washington University		Sterling, Philip Columbus, Jr.	
Stein, Stefan Martin	Va.	B.S. 1937, United States Military Academy	D.C.
A.B. 1948, Cornell University		Sterling, William Norton	
Stein, Suzanne	D.C.	B.S. 1950, The George Washington University	Fla.
Steinberg, Bernard Benjamin	D.C.	Stern, Estelle	N.Y.
B.S. 1945, University of Pennsylvania		Stern, Howard S.	
A.M. 1947, Colgate University		B.S. 1950, Brooklyn College	D.C.
Steinberg, Dorothy	D.C.	Stern, Jere Bart	D.C.
A.B. 1932, Hunter College		Stern, Marvin Ray	D.C.
Steinberg, Ira George	Md.	Stern, Naomi Elinor	
Steinberg, Jules Henry	N.Y.	A.B. 1949, University of Michigan	Mass.
B.S. 1948, Pennsylvania State College		Sternberg, Arnold Charles	
Steiniger, John Francis, Jr.	Kans.	A.B. 1947, University of Wisconsin	D.C.
A.B. 1948, LL.B. 1949, University of Kansas		Stern, Dorothy Madeline	
Steiner, Otto Thomas	D.C.	B.S. 1932, Beaver College	Md.
A.B. 1949, The George Washington University		Stern, Raymond Edward	N.Y.
Steinert, Leif Mague Emil	N.Y.	Stern, Lisa Jane	N.J.
Steines, Esther Bertha	Md.	Sternick, Marilyn Lila	Md.
A.B. 1946, The George Washington University		Stetson, John Hewes	
Steinhilber, Helen Louise	Ohio	A.B. 1950, University of Maryland	Md.
Steininger, Eugene Beachel	Pa.	Stetson, Richard	
A.B. 1949, The George Washington University		A.B. 1949, The George Washington University	Va.
Steininger, Margaret Althea	D.C.	Stevs, Alexander Louis	
Steinmann, Clara Gertrude	Md.	A.B. 1949, The George Washington University	Va.
A.M. 1946, Columbia University		Stevens, Charles David	Md.
Stelck, William Ardell	Iowa	Stevens, Charles White	Ohio
A.B. 1949, Drake University		Stevens, Donald, Jr.	
A.M. 1950, The George Washington University		A.B. 1949, Muhlenberg College	La.
Stell, Jack Powell	D.C.	Stevens, Ernest Evans	
Stell, William Marlin	Va.	B.S. 1919, United States Naval Academy	Va.
A.B. 1943, The George Washington University		Stevens, Galloway	Nebr.
Stembridge, Sidney David, Jr.	Ga.	Stevens, Ira John	Iowa
Stempson, Oscar William, Jr.	Minn.	Stevens, Joan Isabel	D.C.
Stepanek, John James	Ill.	Stevens, Joseph Leopold	
Stepanic, Adeline M.	D.C.	J.D. 1935, University of Vienna	Mass.
Stephan, Elsie Gertrude	Ill.	Stevens, John Cameron	N.H.
Stephens, Alan Richard	Ill.	Stevens, Mary Scheff	Va.
Stephens, Aline	D.C.	Stevens, Nancy Reynolds	Iowa
Stephens, John	Fla.	Stevens, Phyllis Jeanne	D.C.
A.B. 1946, The George Washington University		Stevens, Willard Lamont	Md.
Stephens, Lorene Vinson	Va.	Stevenson, William Benson	D.C.
A.B. 1935, University of Arkansas		Stever, Arthur	Calif.
Stephens, Marvin Massey, Jr.	Va.	Stewart, Allan Hugh	Md.
Stephens, Nadva	D.C.	Stewart, Charles Todd, Jr.	
Stephens, Phyllis Baker	D.C.	A.B. 1946, A.M. 1948, The George Washington University	Va.
Stephens, Rees, Jr.	Md.	Stewart, Clark Berry	Pa.
Stephens, Virginia Bush	D.C.	B.M.E. 1948, Clemson College	Va.
A.B. 1906, University of Utah		Stewart, Francis Clement	Va.
Stephens, William Theodore	Md.	Stewart, Howard Nau	Ala.
LL.B. 1950, The George Washington University		Stewart, Inez Gertrude	
Stephenson, Fawson Graham	D.C.	Stewart, Jonas Hartsell	
Stephenson, Juanita Mudd	S.C.	B.S. 1949, Alabama Polytechnic Institute	D.C.
Stephenson, Samuel Randall	Ala.	Stewart, Merrick W.	
B.S. 1950, University of Alabama		B.S. in M.E. 1947, University of Maryland	N.Y.
Stephenson, Stephen Hall	Va.	Stewart, Milton David	
Stepp, Claude	Ky.	A.B. 1941, New York University	Calif.
Sterinz, Hildegard	D.C.	M.S. 1942, Columbia University	
Sterling, Edmund Sevrin	Pa.	Stewart, Robert Malcolm	
Sterling, Maene Frederica	D.C.	B.S. 1947, California Institute of Technology	



# Students Registered

547

Stewart, Ruby Alice	Va.	Stone, Jack Porter	Tex.
Stewman, Ann Flintom	N.C.	B.S. 1942, University of Texas	
Such, Jules Newton	D.C.	Stone, James Robert	D.C.
B.S. 1943, Harvard University		A.B. 1949, The George Washington	
Stuckey, Allen Raymond, Jr.	D.C.	University	
Stuckey, Bernard	N.Y.	Stone, Luther Edward	Md.
B.S. 1948, College of the City of		A.B. 1947, The George Washington	
New York		University	
Stufel, Jeanne Jennie	Conn.	Stone, Robert Charles	N.Y.
A.B. 1947, Connecticut College		Stone, Robert Oliver	Md.
Stue, Clare Ann	Va.	Stone, Rodney Alan	Okla.
A.B. 1950, The George Washington		B.S. 1950, University of Tulsa	
University		Stone, Rose Rada	Ohio
Stigers, Donald William	Pa.	Stone, Virginia Greer	Md.
A.B. 1950, The George Washington		Stone, Walker Kersten	Md.
University		Stone, William M., Jr.	D.C.
Still, Joseph William	Va.	B.S. 1946, New York University	
M.D. 1946, University of Nebraska		Stoneburner, Samuel Godfrey	Va.
Stilling, Richard Justesen	D.C.	Stoneman, Patricia Ray	Wis.
A.B. 1950, University of Maryland		Stoner, George W. G.	Va.
Strison, Lewis Francis	Md.	A.B. 1950, University of Virginia	
Striwell, Mary Ona	Va.	Stoner, James Reist	Pa.
B.S. 1933, West Virginia University		B.S. 1949, Franklin and Marshall	
Stine, Mary Virginia	D.C.	College	
Stine, Oscar Ceben	W.Va.	Stoner, Merle McLaughlin	Pa.
A.B. 1950, Oberlin College		A.B. 1951, The George Washington	
Stingle, Howard Ellsworth	Md.	University	
A.B. 1942, A.M. 1947, The George		Stoops, Richard Eugene	Wash.
Washington University		Stopak, Jacob Henry	D.C.
Stipp, John Medley, Jr.	Md.	B.S. 1949, Georgetown University	
Stirling, Edwin Tillman	D.C.	M.S. 1950, The George Washington	
Stitelman, Joseph	D.C.	University	
B.S. in E.E. 1934, Cooper Union		Stoppelli, Louis Francis	N.J.
Stutely, David Wesley	Va.	Storey, James Arthur	Va.
B.S. 1949, Pennsylvania State College		Storey, Robert George	Ohio
Stith, James Logan	Va.	A.B. 1950, Miami University	
Stitt, Marion Crawley	Ky.	Stork, Creighton Mitchell	S.C.
Stitt, Nelson Alexander	Md.	A.B. 1949, College of Charleston	
A.B. 1948, University of Pittsburgh		Storke, Francis Joseph	Md.
Stober, Alfred Karl	Va.	Storment, James Russell	Wis.
Stockhill, Louis R.	Okla.	Story, Horace Edwin	D.C.
Stockhill, Richard Middleton	Va.	Story, Jeffery Stokes	Ga.
Stocketon, John Bone	Va.	A.B. 1949, Harvard University	
Stocketon, Ralph Madison, Jr.	Va.	Stotler, Herbert Jennings	Va.
B.S. 1948, L.L.B. 1950, University of		Stotts, Johnnie Muri	D.C.
North Carolina		A.B. 1949, Stephen F. Austin State	
Stockwell, Carolyn Coffey	D.C.	Teachers College	
Stoddart, Jean Freeland	Canada	Stoupe, Richard Eugene	Wash.
Stolko, Stephen James, Jr.	Pa.	Stout, Charles Wilson, Jr.	D.C.
B.S. 1949, University of Maryland		Stout, Curtis Montague	Md.
Stoodill, Marion Russell	Va.	Stout, Wayne Howard	Md.
Stokes, James Arthur	Md.	Stoutenburgh, Milton Joseph	D.C.
Stokes, William Hughes, Jr.	Md.	B.S. in F.S. 1949, Georgetown Uni-	
Stolarski, Beverly Batley	Md.	versity	
A.B. 1949, The George Washington		Stovall, Marshall Eugene	Tex.
University		Stovall, Milton Alva	Md.
Stoll, Ervin Wrightman	S.C.	Stover, Joseph Glenn	Pa.
B.S. 1947, L.L.B. 1948, University of		A.B. 1950, Dickinson College	
South Carolina		Stowe, Joan	Mass.
Stoll, Maurice Schofield	N.C.	Stoyanoff, Stephen	Pa.
Stolwein, Walter	Md.	A.B. 1950, The George Washington	
B.S. 1947, College of the City of		University	
New York		Stoyanov, Sam	Ohio
Stolzy, Albert Donald	Ind.	A.B. 1948, The George Washington	
B.S. in E.E. 1949, Rose Polytechnic		University	
Institute		Strachman, Philip	N.Y.
Stone, Elmer Arvil, Jr.	D.C.	A.B. 1941, College of the City of	
Stone, Gregory King	D.C.	New York	
Stone, Helen Seeger	Ind.	L.L.B. 1949, Georgetown University	
A.B. 1916, Northwestern University		Strahan, John Barwick	La.
A.M. 1949, The George Washington		A.B. 1945, L.L.B. 1938, Louisiana	
University		State University	



Strain, Howard Alden	D.C.	Sturm, Herman Mark	N.Y.
Strain, Mary Charlotta	Va.	A.B. 1912, Brooklyn College	
Strang, Ernest Newell	Md.	A.M. 1949, American University	Md.
Strasser, Noel Faine	Ky.	Sturtevant, Alderic Clarence	
Straton, Andrew Charles	Va.	A.B. 1949, The George Washington University	D.C.
Stratton, Eugene Aubrey	Mass.	Stutz, Frank August	
Stratton, Thomas Joseph	Md.	B.S. 1931, Lehigh University	Va.
Straus, Richard	Md.	A.M. 1940, The George Washington University	
B.S. in F.S. 1950, Georgetown University		Styles, Michael Hogan	
Strauss, Iris May	D.C.	A.B. 1947, A.M. 1949, University of Virginia	D.C.
Strauss, Waldemar Robert	D.C.	Suarez, Dolores	Md.
Straw, Leo Stanley	D.C.	Suarez, John M.	
B.S. in C.E. 1929, South Dakota State College		Suber, James Whitley	
Strawbridge, Phyllis Jeane	D.C.	B.S. 1928, Mississippi State College	
Streb, Samuel Stephen	D.C.	A.M. 1910, The George Washington University	Mass. Mich.
Streedbeck, Frank Richard	Iowa	Suckiel, John Warren	
Streett, Burnett Irving	D.C.	Sudduth, Herschel Cochran	
Strickland, Mary Scott	D.C.	B.S. 1937, M.S. 1938, M.D. 1943, University of Oklahoma	Va.
Strickman, Louis	Va.	Sudhalter, Treva Rose	
A.B. 1948, The George Washington University		A.B. 1947, The George Washington University	Va.
Strieby, LaRue Thomson	D.C.	Sue, Gladys C.	
Striker, Corinne Medruth	Va.	A.B. 1948, University of California	D.C.
Stringer, Henry Delphos	Va.	Sugar, Harold Samuel	
Stringham, Gale Smedley	Md.	A.B. 1949, The George Washington University	N.Y.
Strojniy, Julius Steven	Md.	Sugarman, Stanley Elisha	
Strong, Trowbridge	Md.	A.B. 1947, Brown University	Va.
Stronski, Gerald Edward	Mich.	Sugden, Robert Greenwood	
B.S. 1950, Wayne University		A.B. 1948, Lafayette College	Va.
Stross, Walter Charles	Ohio	Sugg, William Leonard	N.Y.
Strother, George William, Jr.	Va.	Sughrue, Clarence Joseph	D.C.
Strother, Greenville Kash	Va.	Suits, Francis Earl	R.I.
B.S. 1943, Virginia Polytechnic Institute		Sullins, Van Buren	Va.
Strother, Joseph Claude, Jr.	Va.	Sullivan, Charles Xavier	N.Y.
Stroup, Paul Byron	Md.	Sullivan, Craig Kiefer	Ill.
Stroupe, Lawson S.	Va.	Sullivan, Daniel David	D.C.
Struck, Lionel H., Jr.	D.C.	Sullivan, David Wallace	
Struglia, Lena Annette	Md.	Sullivan, Donal Emmett	
B.S. 1945, Cornell University		A.B. 1941, M.S. 1943, Fordham University	D.C.
A.M. 1950, Indiana University		Sullivan, Edward Patrick	D.C.
Strupp, Hans Herman	D.C.	Sullivan, Francis John	
A.B. 1946, A.M. 1947, The George Washington University		B.S. 1942, University of Pittsburgh	Va.
Strupp, Werner	D.C.	Sullivan, Henry Earl	D.C.
A.B. 1940, The George Washington University		Sullivan, James Francis	D.C.
Struthers, Melvin, Jr.	Iowa	Sullivan, Palmer Wallace	Tex.
Stryker, Rachel	Conn.	Sullivan, Patrick Gerald	
A.B. 1949, Middlebury College		B.S. in M.E. 1940, University of Texas	D.C.
Stuart, Kenneth Earl	Ind.	Sullivan, Ralph Hall	
Stuart, Lydia Towles	D.C.	A.B. 1942, Boston University	D.C.
A.B. 1940, MacMurray College for Women		M.S. 1949, Simmons College	D.C.
Stubbs, Robert Sherwood II	Ala.	Sullivan, Ray Anthony	Va.
A.B. 1942, University of Alabama		Sullivan, Ross Hood	
Stuckey, Mary Lucia	S.C.	Sullivan, Samuel Alexander	
Stuffle, Stewart E.	D.C.	B.S. 1915, Virginia State Teachers College	N.Y.
B.S. 1911, Pennsylvania State Teachers College, Millersville		Sullivan, Thomas Vincent	
Stultz, Jack Thomas	Md.	A.B. 1942, New York University	
Stultz, Norman Frederick, Jr.	Mass.	LL.B. 1950, The George Washington University	
Stump, Charles Albert	W.Va.		
A.B. 1948, University of Pennsylvania			
Stump, Wilbur Dale	Va.		
Sturgeon, Mary Elizabeth	D.C.		
Sturgill, Robert Gordon	Utah		
B.S. 1949, University of Utah			

Students Registered

549

Sullivan, William Franklin A.B. 1949, The George Washington University	Md.	Swanson, Lawrence M.	Minn.
Sultan, Shirley	D.C.	Swanson, Virginia Anne	D.C.
Summa, Frana Maria A.B. 1949, A.M. 1950, Catholic Uni- versity of America	Conn.	Swartz, Dorothy Lucille	Iowa
Summer, Leonard B.S. 1933, M.S. 1938, College of the City of New York	N.Y.	Swadiburi, Pree Va	D.C.
Summers, Charles Russel A.B. 1916, A.M. 1938, State College of Washington	Va.	Swayze, Henry Allen	Va.
Summers, Edward Lee	D.C.	Swayze, Roy Albert	Va.
Summers, George Nixon	Va.	Swayze, Jesse Eugene	Okla.
Summers, Murray P.	D.C.	B.S. 1949, Oklahoma Agricultural and Mechanical College	D.C.
Summers, Willard Winfield A.B. 1941, University of California	Calif.	Sweat, Noah Spurgeon, Jr. B.S.C. 1946, L.I.B. 1940, University of Mississippi	Miss.
Summerson, Mona D.	Mo.	Sweeney, Edward Chiles	Ill.
Sun, I Shuan A.B. 1942, St. John's University, China	D.C.	Sweeney, Ann Reed	D.C.
Supinski, John Xavier	Pa.	Sweeney, Barbara Marion	D.C.
Supper, Frances Herrold B.S.C. 1941, University of Iowa	Iowa	Sweeney, Edwin Cornelius A.B. 1930, University of Kentucky	Ill.
A.B. 1941, The George Washington University		M.D. 1942, Tulane University	
Suppes, Joan Louise	Md.	Sweeney, James Charles, Jr.	Va.
Sures, Charles Stanley A.B. 1947, L.I.B. 1949, The George Washington University	D.C.	B.S. 1948, University of Denver	
Surgen, Raymond Charles	D.C.	Sweeney, James Stevens	D.C.
Surgeard, Edward Morris	D.C.	A.B. 1949, University of Virginia	Va.
Sarnick, George Arthur	Ind.	Sweeney, John Charles	Va.
Suso Rico, Alfonso B.S. 1942, University of Puerto Rico	D.C.	Sweeney, Joseph Modeste L.I.B. 1948, Harvard University	
Sutowitz, Irma Selma	D.C.	Sweeney, Stuart Thomas Hackstaff A.B. 1949, Upsala College	N.J.
Suter, Arthur B.S. 1949, The George Washington University	D.C.	Sweeney, Thomas Francis B.S. 1940, Georgetown University	Conn.
Sutera, Carl Leonard	D.C.	Sweeney, Vincent Hilary B.S. 1949, Boston College	Mass.
Sutashaklam, Wilbert	D.C.	Sweet, John Manko	D.C.
Sutherland, John Arthur	Va.	Sweet, Gene Mervin	D.C.
Sutherland, Rose Maxine	Va.	Swell, Leon B.S. 1948, College of the City of New York	D.C.
Sutrie, Alvin Douglas	Md.	M.S. 1949, The George Washington University	
Sutton, Allen McDonald	Ohio	Swenanton, Robert Owen	D.C.
B.S. 1944, University of Rochester		Sweeney, Roy Eugene, Jr.	N.J.
Sutton, Henry Cecil, Jr.	Tenn.	Sweeney, J. Elmore B.S. 1940, University of Utah	Kans.
Sutton, Sarah Hale	Md.	Sweeney, Nella Jean	D.C.
Sutton, Troy James	D.C.	Sweeney, George Darton	D.C.
Sutherland, Frank Hendrick	D.C.	Sweet, Carlton Edward A.B. 1949, Bowdoin College	Maine
Sutton, Walter Roland	Tex.	Swack, Bernhard Ray B.S. in Ch.E. 1947, University of Wisconsin	N.Y.
Sutton, Dean Hart A.B. 1949, Lehigh University	Va.	Swift, George Warren	Va.
Sutton, F. Eric Elton	Va.	Swager, Henry Alton	Va.
Swan, William Morrison	N.Y.	Swanick, Edward Morris	D.C.
Swan, Robert Edington B.S. 1947, College of Puget Sound	Va.	Swanwick, Lowell Stanley	D.C.
L.I.B. 1948, The George Washington University		Sykes, Edward George B.S. 1941, University of Maryland	Wash.
Swan, Thayer A.B. 1947, Harvard University	Va.	Sylvester, Eugene Paul	N.Y.
Swanick, James Roger	Ill.	Sylvester, Robert Watson	Va.
Swanick, Earl Stanley	D.C.	Synanon, Charles	N.C.
Swatner, Joe Bailey	Tex.	Syman, Anne Rames	D.C.
A.B. 1949, Howard Payne College		Szanyi, William Leo	D.C.
Swanson, Bert Elmer	Wash.	Sze, Chueh-shan Chai-Chu	China
Swanson, Donald Everett	Ill.	Szokolsky, Joseph Steven	N.J.
A.B. 1949, University of New Mexico		Szollasi, Helene Etienne	N.J.
Swanson, Haley John	D.C.	Szostak, Bernice	Va.
Swanson, John Henry, Jr.	Ill.	Szwec, Anna K.	D.C.
Swanson, Kathryn Vivian	D.C.	Szwec, Michael	D.C.
		Szwec, Peter	D.C.
		Szwed, Clarence Francis	D.C.

Szymanowski, Norbert Harold	Wis.	Tanner, William Ashley	Md.
Szypula, Chester Anthony	Va.	B.S. 1950, Western Maryland College	Va.
B.S. 1949, Ithaca College		Tanner, Willis	
		B.S. 1925, University of Massachusetts	D.C.
T		Tanney, William James	Md.
Taber, Lois L. Guernsey	Ind.	Tannhauser, John Ulrich	Pa.
B.S. 1950, Washington University		Tanos, James Dimitri	
Tabers, William Oscar	Ill.	A.B. 1949, University of Pennsylvania	N.Y.
Tabibi, Abdul Hakim	D.C.	Tanzer, Francis Sherwood	
A.B. 1945, University of Kabul, India		A.B. 1949, Syracuse University	Va.
Tabler, Grayson Brust	W.Va.	Tanzman, Janet Sybil	Ill.
A.B. 1948, The George Washington University		Taphorn, Joseph Bernard	
Tactpett, Betty Joan	Ohio	B.S. 1941, University of Illinois	
Taevs, Anne	Colo.	B.S. in Eng. 1949, The George Washington University	Va.
Taffet, Hana	N.Y.	Tapper, Cecile Michele	D.C.
A.B. 1940, The George Washington University		Tapper, Robert Lee	Mich.
Taft, Gordon Lewis	Md.	Tara, Muriel E.	
B.S. 1942, Iowa State University		B.S. 1949, M.S. 1951, Michigan State College	Md.
Taggart, Barbara Jean	D.C.		R.I.
Taiji, Masami	Md.	Tardosky, Arthur Joseph	
Tailleur, Irvin Lorraine	Wash.	Tartaglino, Andrew Charles	
A.B. 1945, M.S. 1948, Cornell University		B.S. 1949, Georgetown University	D.C.
Taishoff, Albert Edward	D.C.	Tartaglino, Francis John, Jr.	Fla.
Tait, Andrew	Va.	Tashiro, Jane Miyako	D.C.
Tait, Arthur Lonsdale	Pa.	Taske, Morton Jerome	D.C.
B.S. 1950, Dickinson College		Tatarsky, Walter	
Takabuki, Alice Sumiko	Hawaii	A.B. 1949, The George Washington University	Va.
Takacs, Theresa Marie	N.Y.	Tate, Barbara Pritchard	D.C.
Takane, George Morito	Hawaii	Tate, David Bramblett	Va.
A.B. 1950, University of Hawaii		Tate, James Frank, Jr.	
Takemoto, Kenneth Kaname	Hawaii	A.B. 1950, Alfred University	D.C.
B.S. 1940, M.S. 1950, The George Washington University		Tatelman, Gretchen Blumbers	D.C.
Talbert, Alan Jay	Colo.	Tatum, William Cox	Tex.
B.S. 1950, University of Colorado		Tatum, Zella F.	
Talbert, Burch Franklin	Md.	B.S. 1940, Texas Christian University	D.C.
Talbot, Charles Edward, Jr.	Va.	Tauber, Leonard Murray	D.C.
A.B. 1948, American University		Tauber, Lilly Katherine	
Talhelm, Max Grove	D.C.	A.B. 1947, Peter Pazmany University of Budapest	D.C.
Tallentire, Lois Ann	Pa.	Tauter, Albert F.	Burm.
Talpalar, Jay	D.C.	Taw, Florence May	
Tamer, Joseph Jacob	Va.	A.B. 1936, B.Ed. 1948, University of Rangoon, Burma	
Tamson, Robert	Md.	Ed M. 1950, University of Maryland	Va.
Tan, Chuan Phu	Siam	Taylor, William Carr	Md.
Tan, Pai-Men	D.C.	Taylor, Andrew Eustace	
A.B. 1949, The George Washington University		B.S. in M.E. 1947, Tufts College	Tex.
Tanaka, Hajime William	Calif.	Taylor, Charles Duke	D.C.
A.B. 1950, University of California		Taylor, Charlotte Emily	
Tanck, Roland Henry	Wis.	A.B. 1934, The George Washington University	W.Va.
A.B. 1940, University of Wisconsin		Taylor, Daniel Gerald	
A.M. 1948, The George Washington University		A.B. 1940, Salem College	Idaho
Tanenbaum, Joseph O.	Md.	Taylor, David Franklin	Ill.
A.B. 1940, College of the City of New York		Taylor, Donald Kent	Maine
Tang, Tze-Tung	D.C.	Taylor, Dorothea Angie	Tex.
B.S. 1949, St. Mary's College		Taylor, Dorothy Jane	
Tankersley, James David, Jr.	Va.	A.B. 1944, Rice Institute	
A.B. 1948, University of California		M.S. 1947, Iowa State College	Va.
Tann, Tatiana Ai-Ling	D.C.	Taylor, Dorothy Jean	D.C.
Tannenbaum, Muriel Joyce	D.C.	Taylor, Edward Joseph	Pa.
Tanner, Charles A.	Va.	A.B. 1941, University of Wisconsin	
Tanner, Howard H.	Idaho	J.D. 1945, Northwestern University	Okla.
B.S. 1940, Utah State Agricultural College		Taylor, Eldon Donovan	Ga.
Tanner, Robert Lee	D.C.	Taylor, Frank, Jr.	Tenn.
Tanner, Thomas Louis, Jr.	Va.	A.B. 1945, Mercer University	
		Taylor, George Earl	
		B.S. 1945, University of Chicago	



# Students Registered

551

Taylor, Harry Earl, Jr. A.B. 1948, LL.B. 1949, The George Washington University	Md.	Temple, William Alan B.S. 1946, United States Military Academy	Ind.
Taylor, Harry Hall	Conn.	Templeton, Virginia Frances B.S. 1950, Hillyer College	Conn.
Taylor, Herbert Bradley B.S. 1950, The George Washington University	Fla.	Teneyck, Laura Breckinridge	N.Y.
Taylor, James D. A.B. 1948, Western Kentucky Teachers College	Ky.	Tennant, Joseph	D.C.
Taylor, Jane Elizabeth	N.C.	Tennant, William Harrison A.B. 1949, La Salle College	Fla.
Taylor, John Alvin	Md.	Tennant, William Samuel, Jr. A.B. 1948, The Citadel	S.C.
Taylor, John Frank A.B. 1946, LL.B. 1949, University of Oklahoma	Okla.	Tennety, Billy Jack A.B. 1949, The George Washington University	Md.
Taylor, John Huntington A.B. 1941, A.M. 1947, Cornell University	N.Y.	Tennille, Robert Meil, Jr.	Fla.
Taylor, John Perry	Va.	Tenny, Lloyd Stanley, Jr.	Va.
Taylor, Marion Ruth	D.C.	Tennyson, George Godfrey	D.C.
Taylor, Mary Edith	Va.	Tepper, Martin Samuel	Va.
Taylor, Mary Landon	Md.	Terkoski, Sylvester Adolf	Pa.
Taylor, Minnie Edythe B.S. 1934, Ashville Teachers College	D.C.	Terl, Norma	Va.
Taylor, Paul Strother	D.C.	Terranova, Joseph, Jr.	Md.
Taylor, Ralph Edward	Md.	Terrett, Hunter Luzader	Va.
Taylor, Richard Orme	D.C.	Terris, George Nicholas	D.C.
Taylor, Richard Perry	N.Y.	Terry, Carl Anthony	D.C.
Taylor, Robert Leslie A.B. 1941, Syracuse University	Conn.	Terry, George Mulford A.B. 1947, The George Washington University	Md.
Taylor, Samuel DelGnyon	Va.	Terry, John Haslet B.S. 1937, M.S. 1938, Richmond Polytechnic Institute	Va.
Taylor, Shelton Billy	Ill.	M.S. 1946, The George Washington University	
Taylor, Vernon Edgar	Ohio	Terry, Leslie Dean	Utah
Taylor, Walter Ralph B.S. 1947, Ohio State University	Md.	Terry, Luke Edward B.S. 1938, University of Tennessee	W Va.
Taylor, Wilbur Asher	Pa.	M.S. 1940, West Virginia University	
Taylor, William Charles B.S. 1941, University of Pennsylvania	D.C.	Terry, Paul Alfred	D.C.
Taylor, William Russell	Va.	Teter, Zola Lee	D.C.
Taylor, Stephen Arthur Harold A.B. 1950, College of William and Mary	Va.	Tetlow, Richard Preston, Jr.	Md.
Tayton, Judith Byfield	D.C.	Tevelow, Frank Louis	Va.
Teale, Ernest Howard A.B. 1950, The George Washington University	Va.	Tew, Mary Elizabeth	Va.
Teague, Raymond Walter	D.C.	Thackara, James Justin A.B. 1946, Harvard University	D.C.
Tebeau, Gladys Kardynal	N.Y.	Thacker, Edward Harvey A.B. 1942, A.M. 1949, The George Washington University	Va.
Tebeus, John Peter	Va.	Thacker, Elizabeth Susan	Va.
Tebeus, Martin Richard	Pa.	Thackston, Carl Richard A.B. 1940, Furman University	S.C.
Tebeus, Veronica Helen	Mass.	Thada, Grace Augusta	D.C.
Tebeus, Valeria B.S. 1944, University of Tartu, Estonia	Md.	Thagard, Edgar Kent	Va.
Teel, Charlotte A.B. 1928, University of Michigan	D.C.	Thaler, Milton A.B. 1949, The George Washington University	Va.
Teel, Odette A.B. 1914, Wilson Teachers College	D.C.	Thaler, William David	Pa.
Teeter, Beverly Ellen	Va.	Thalis, Paul Salvatore	D.C.
Teeter, Lawrence William	D.C.	Thanheiser, Charles Augustus, Jr. B.S. 1947, Agricultural and Mechanical College of Texas	Tex.
Teeter, Virginia Joyce	D.C.	LL.B. 1949, University of Texas	
Teeter, Walter William	Va.	Tharp, Mary Ann	D.C.
Teeter, Lawrence Herbert B.S. 1944, Virginia Polytechnic Institute	Va.	Tharpe, Claude Coalson	D.C.
Tekelove, Ruth Lois	D.C.	Thatcher, Yvonne Helen	N.J.
Telmer, Harold Robert	N.J.	Thaw, Joseph Philip B.S. 1944, United States Naval Academy	Calif.
Telmer, Arlele	D.C.	M.S. 1941, Pennsylvania State College	
Tempesta, James Elias	Ohio	Thawley, Charles Brooks	Md.
Tempe, Harry Brigham B.S. 1944, United States Naval Academy	D.C.	Thayer, Harry Homer	D.C.
		Thayer, Luke L.	N.J.
		Thayer, Marilyn Lee	D.C.

Thiesen, Robert Stanley	Wyo.	Thomas, William Price, Jr.	D.C.
Then, Joseph Lee	Ill.	Thomason, Mary Magdalene	D.C.
Theobald, Frederick H.	Ky.	Thompson, Richard Gage	Va.
Theobald, Paul Kellogg	Calif.	Thompson, Albert Lacy, Jr.	D.C.
B.S. 1950, Stanford University		Thompson, Allan Glasgow	Va.
Theobald, Ursula McEnroy	Mass.	B.S. in E.E. 1942, Montana State	
Theophilos, George John	D.C.	College	
A.B. 1950, The George Washington		Thompson, Allen Warren	Md.
University		Thompson, Arthur Brown	Pa.
Therault, Harold John	Md.	A.B. 1950, The George Washington	
Theuerkauf, Jane Louise	Pa.	University	
A.B. 1948, Goucher College		Thompson, Ben Hanford	Md.
Thevenin, Esther Blanche	Iowa	A.B. 1941, Rutgers University	D.C.
Thibault, Charles Daniel Harrison	Va.	Thompson, Blaine Clairmont	
B.S. in C.E. 1936, University of		A.B. 1946, Tulane University	Md.
Vermont		Thompson, Charles Frederick	W.Va.
Thieberger, Fred	Pa.	Thompson, Conrad Warden, Jr.	
A.B. 1950, Pennsylvania State Col-		B.S. 1948, Marshall College	D.C.
lege		Thompson, Delores Mae	Md.
Thomas, Audrey Frances	D.C.	Thompson, Edna Liela	D.C.
Thomas, Augustus Howell, Jr.	Va.	Thompson, Edwin Strook	
B.S. 1941, Virginia Polytechnic In-		B.S. in C.E. 1911, Tri-State College	Va.
stitute		Thompson, Evelyn Lee	
Thomas, Bertha Osborne	Va.	B.S. 1941, Southeast Missouri State	
Thomas, Betty Jane	Pa.	College	
Thomas, Carl William	Mo.	Thompson, Emma Louise	D.C.
Thomas, Cleo	Ky.	Thompson, Forrest Thomas, Jr.	Mass.
Thomas, Earl Allan	D.C.	B.S. 1950, College of the Holy Cross	Va.
Thomas, Earl Arunah	D.C.	Thompson, Frank Revell	
A.B. in Govt. 1949, The George		B.M.E. 1950, The George Washing-	
Washington University		ton University	D.C.
Thomas, Franc Vesta	Fla.	Thompson, Garland Parnell	Va.
A.B. 1943, The George Washington		Thompson, George Cleveland, Jr.	
University		B.E.E. 1948, Clemson College	Ark.
Thomas, Gregory	Md.	Thompson, George Lawrence, Jr.	Md.
Thomas, Harold Lloyd	Wis.	Thompson, Harry Francis	
Thomas, Henry Archer	D.C.	A.B. 1950, The George Washington	
Thomas, Howard Francis	D.C.	University	D.C.
Thomas, James	Md.	Thompson, James Douglas	Md.
B.S. 1948, University of Maryland		Thompson, James Elmer, Jr.	
Thomas, James Edward	Calif.	A.B. 1949, University of Maryland	Md.
B.S. in F.S. 1944, Georgetown Uni-		Thompson, John Francis	N.J.
versity		Thompson, John Irvin	N.C.
Thomas, John Washington	Va.	Thompson, Judith Covington	D.C.
Thomas, LePage	S.C.	Thompson, Katherine De la Noy	D.C.
Thomas, Luther Minter, Jr.	Va.	Thompson, Laura Josephine	Ga.
Thomas, Mark P.	Va.	Thompson, Lucius Fred	
Thomas, Michael T.	Md.	LL.B. 1949, The George Washington	
Thomas, Myrtle	D.C.	University	D.C.
B.S. 1912, Virginia Polytechnic In-		Thompson, Marion Dorians	Va.
stitute		Thompson, Mary Lucile	Iowa
Thomas, Nancy	D.C.	Thompson, Matthew Charles	
Thomas, Paul Augustus, Jr.	Pa.	B.S. 1949, Iowa State College	Va.
B.S. 1948, The George Washington		Thompson, Philip Adams	Kans.
University		Thompson, Ralph Franklin	D.C.
Thomas, Paul Bert	Mass.	Thompson, Raymond Webb	
Thomas, Paul DeLoren	Va.	B.S. 1933, University of Montana	
B.S. 1938, Central State College,		M.S. 1941, Massachusetts Institute of	
Okla.		Technology	Pa.
A.M. 1940, University of Oklahoma		Thompson, Robert Lee	Va.
Thomas, Ralph Leslie	Fla.	Thompson, Robert Tennis	Md.
B.E. 1947, University of Louisville		Thompson, Stanwood	
Thomas, Raymond Edward	D.C.	A.B. 1949, State College of Washing-	
Thomas, Roy Charles	Tenn.	ton	Md.
Thomas, Ruth Lee	Md.	Thompson, Thomas Carlton, Jr.	
Thomas, William Bates	Va.	B.S. 1948, University of Pennsylvania	Va.
A.B. 1951, The George Washington		Thompson, William Blake	
University		A.B. 1947, The George Washington	
Thomas, William Francis	Md.	University	W.Va.
Thomas, William Franklin	Va.	Thompson, William Michael	D.C.
B.S. 1948, University of Oregon		Thompson, Willis Clayton, Jr.	D.C.
Thomas, William Kindred	Fla.	Thomson, Eugene	



Thomson, Malcolm Stuart	D.C.	Timoner, Edwin Sanford	N.Y.
Thomson, Robert Lee	Va.	Tinsley, William Granville	Ky.
Thorington, Harry Sumpter	Calif.	A.B. 1939, Centre College of Kentucky	
Thorkelson, John Milton	Calif.	Tipton, Clarence Lee	D.C.
A.B. 1949, San Diego State College		Tipton, Wellwood White	Md.
Thorndyke, Myron Samuel	D.C.	Tise, Vivian Elizabeth	D.C.
Thorne, Charles Harry, Jr.	D.C.	Tittington, George Frank	D.C.
Thornton, Clark Olmsted	Ohio	B.C.E. 1950, The George Washington University	
B.S. 1940, University of Akron		Tittaler, Ruby Bonita	D.C.
Thornton, Percy, Jr.	N.C.	Titus, Elijah White	D.C.
Thornton, Russell Beard	Ala.	Tivnan, John Thomas	Mass.
B.S. 1941, University of Alabama		Tobias, James Howard	D.C.
B.S. in F.S. 1948, Georgetown University		Tobias, Jerome Jerry	D.C.
Thornton, William Milo	Va.	Tobin, Mabel Lenore	D.C.
Thorogood, Elizabeth	Mass.	Tobin, Mary Iorantha	D.C.
A.B. 1938, Wellesley College		Tobin, Ralph Aloysius	Va.
A.M. 1945, Radcliffe College		Tocker, Stanley	D.C.
Thorpe, Edward Garnet	D.C.	A.B. 1950, Johns Hopkins University	
Thorpe, Emmet Joseph	Ohio	Toda, Joesuke Ioe	D.C.
B.S. 1948, Western Reserve University		Toda, Kumao Kenneth	D.C.
Thorpe, Marjorie Pauline	D.C.	Todd, Douglas Dean	N.C.
Thrasher, Ralph Hampton, Jr.	Md.	Todd, Troy Mitchell	Md.
Threadgill, Eugene Earl	D.C.	Todd, Vernon Richard	Md.
A.B. 1940, University of Florida		Toft, Bergit	Iowa
LL.B. 1944, Georgetown University		Toll, Mary Kathryn Elizabeth	Ohio
Thrift, Sterling Reynolds	D.C.	Tolley, Howard Elmer	Va.
Thrift, William Carroll	D.C.	B.S. 1946, University of California	
Throckmorton, Walter Jackson	Va.	Tolley, Marjorie Elizabeth	D.C.
Throckmorton, William Robert, Sr.	Va.	Tolliver, John Sheridan	Md.
Thurman, Alice Merritt	Va.	Tolliver, Robert James	S.D.
A.B. 1949, The George Washington University		Tolson, Raymond Lee	Va.
Thurman, Dale Leonard	Va.	Tolson, Robert Hough	D.C.
B.S. 1934, University of Nebraska		Tomkins, Leonard George	Va.
A.M. 1950, The George Washington University		Tomlin, Robert J.	D.C.
Thurman, John Nelson	D.C.	Tomlinson, Lela M.	N.C.
B.S. in F.S. 1948, Georgetown University		A.B. 1920, Winthrop College	
Thurmond, Cornelius Brooks, Jr.	Ga.	Tompkins, John Ettinger	D.C.
LL.B. 1950, The George Washington University		A.B. 1944, The George Washington University	
Thurmon, Frances H.	Md.	Tomsko, Robert Ferdinand	Md.
Thurston, Robert Oliver	Ind.	B.S. 1950, University of Maryland	
Tate, Carl John, Jr.	Md.	Tone, Emmet Wolfe	Conn.
Tibbets, Richard Herbert	Md.	A.B. 1948, Syracuse University	
Tibbets, William Badger John	Md.	Toner, Mary Cunningham	Va.
Tibbitt, Robert Cash	D.C.	Tonty, Carl Joseph	Pa.
Tibbitt, David Winship	Mo.	Toombs, Doris Mae	Va.
B.M.E. 1945, University of Virginia		Toomey, John Samuel	Tenn.
Tiekes Louis James	Va.	A.B. 1949, The George Washington University	
Ticknor, William Ormsby	D.C.	Toomey, Thomas Joseph	D.C.
Tickett, Howard Erwin	D.C.	Toompas, Charles Arthur	W.Va.
A.B. 1950, The George Washington University		A.B. 1938, West Virginia University	
Tiedemann, John George	D.C.	A.M. 1950, The George Washington University	
Tienann, Melvin Edsel	Mich.	Toothman, Byron Rimbe	W.Va.
Tiehe, John Francis	Md.	A.B. 1946, Virginia State Teachers College, Fairmont	
Tilley, Emerson Scott	Md.	A.M. 1948, West Virginia University	
Tillman, Murray	N.Y.	Topp, Max Edward	Conn.
A.B. 1944 Brooklyn College		A.B. 1914, University of Pennsylvania	
Tillmann, Alfred Albert	N.Y.	A.M. 1950, The George Washington University	
Tilson, Barbara Jane	Va.	Tor, Mildred Helen	D.C.
Tilton, John Snyder	Va.	Torcaso, Roy Reed	Wash.
A.B. 1949, The George Washington University		Torchin, Norman Gilbert	D.C.
Timken, Harold Andrew, Jr.	Md.	Toro Rafael Andres	Puerto Rico
B.E. 1943, Tulane University		B.S. 1931, University of Puerto Rico	
Timmins, Joseph Edward, Jr.	Va.	M.S. 1925, Cornell University	
		A.M. 1936, Harvard University	
		Torrey, Mary Louise	Tenn.



Tooti, Polly	D.C.	Tritle, Richard Reed	D.C.
A.B. 1946, Indiana University		Trittipoe, Howard Randolph, Jr.	D.C.
Totten, Gertrude Ruth	N.J.	Trittipoe, William Jennings	Va.
Tottle, Edward Loring	Mo.	Trivancritch, Miriam Hapgood	D.C.
Touceda, Elena Consuelo	D.C.	Trivett, Shirley Carol	Va.
Tory, Victor Haim	D.C.	Trobia, Josephine Viola	N.Y.
Townsend, Charles Eby	D.C.	Trojan, Edward John	
A.B. 1948, The George Washington University		A.B. 1950, Union College and University	Md.
Townsend, Ella June	Ky.	Tron, Charles Edmond	Md.
Townsend, Marjorie Rhoades	D.C.	Tron, Robert Augustus, Jr.	Md.
Townsend, Nathaniel	D.C.	Troop, Glenwood Samuel, Jr.	
Townsend, Woodrow Emory	D.C.	B.S. 1950, University of Maryland	D.C.
Townshend, Alan Harrold	D.C.	Troshinsky, Charles Hilary	N.Y.
Townshend, Harrison Sterling	Md.	Trossbach, John Mattison	Va.
Towson, Margaret Elizabeth	Md.	Trott, Helen Lucille	Md.
A.B. 1944, Lebanon Valley College		Trott, Robert John	
Towson, Robert Fenn, Jr.	Md.	B.S. 1945, United States Naval Academy	Va.
Towt, Helen Brusee	Ohio	Trotter, Thomas Kenneth	N.Y.
Token, Arnold Martin	D.C.	Trovato, Grace Mary	Va.
Trabulis, Frank Michael	N.Y.	Trueworthy, Orson William	
Tracey, William Ambrose	Mass.	B.S. 1936, Wilson Teachers College	
Trachtman, Gilbert Marvin	N.Y.	A.M. 1940, The George Washington University	Ohio
A.B. 1949, Brooklyn College		Truhan, Andrew	
Trail, Martha Bothwell	Kans.	A.B. 1947, University of Michigan	D.C.
Trail, Mary Margaret	D.C.	Truitt, Ruth Annette	Va.
Trail, Red Clinton	Wyo.	Trumbull, Robert Gay, Jr.	
Trainor, Robert Frazer	Md.	A.B. 1949, The George Washington University	D.C.
Trainor, George Edward, Jr.	Pa.	Trump, Betty Barbara	
Trainor, James Herbert	Pa.	A.B. 1950, The George Washington University	Ill.
Trainer, Mabel Oakley	Wis.	Trumper, Mary Madeline	D.C.
Tralka, George Anthony	N.Y.	Trundle, David	
B.S. 1940, Georgetown University		A.B. 1944, Western Maryland College	Pa.
Transou, Lucile V.	Va.	Truntich, Albina Karen	Va.
A.B. 1932, College of William and Mary		Tryon, Joseph Lee	
Travaglini, Constance	Va.	A.B. 1949, University of Minnesota	Ind.
Travaglini, Vincent D.	Va.	Trytko, Bert Peter	Md.
LL.B. 1950, The George Washington University		B.S. 1949, Georgetown University	
Travers, Herbert Edward	Va.	Trytten, Martha Kathinka	Calif.
Travers, Martin Joseph	Wash.	A.B. 1947, University of Rochester	
B.S. 1944, United States Naval Academy		Tsacharis, Harry John	
Traver, George Tyson	Va.	A.B. 1949, University of Southern California	D.C.
Traynor, Raymond Patrick	Ohio	Tsacharis, Helene Litrides	N.Y.
B.S. 1949, John Carroll University		Tschape, Millicent Muriel	D.C.
Treadway, Leon Wesley	Miss.	Tseng, Maurice Hsien-pin	Mass.
Trehearne, James Alva, Jr.	Ind.	Tsomides, James Leonidas	Ohio
Trembelas, John Peter	D.C.	Tuch, Harold Adrian	Va.
Trentacosti, Rosario Charles	N.Y.	B.S. 1950, University of Cincinnati	Vt.
Tress, Madeleine	N.Y.	Tucker, Betty Kimbrough	D.C.
Treumann, Walter	Mo.	Tucker, Clyde Davis	Va.
A.B. 1946, Washington University		Tucker, Harry Jackson, Jr.	
A.M. 1948, University of Chicago		Tucker, Lillian Elizabeth	Tex.
Treize, Carl Arthur	D.C.	A.B. 1940, University of Vermont	
A.B. 1942, University of Michigan		Tucker, Lyman Ray	
Trickett, George Waldeck	D.C.	A.B. 1948, The George Washington University	Va.
Trigu, Luis Camilo	D.C.	Tucker, Norman Elmer	Wash.
Trimble, Mary Allan	D.C.	Tucker, Percival Thomas	Ner.
Trimble, Sara Inez	Pa.	Tucker, Ralph M.	D.C.
A.B. 1946, Seton Hill College		Tufts, Edgar	Md.
Trimble, South III	D.C.	Tullner, William Wirsing, Jr.	
B.S. 1948, University of North Carolina		A.B. 1937, Temple University	W.Va.
Tripp, Bonne Bell	Va.	Tully, John Montgomery	Va.
Tripp, Richard Carlton	Va.	Tunks, Omar Alvin	D.C.
A.B. 1947, University of Iowa		Tupman, Dionne Dalton	D.C.
Triuka, Ralph Francis	Ill.	Tupman, Edgar Minter	
B.S. 1948, Purdue University			
Tritabaugh, Kenneth Franklin	Md.		

Tupman, Wilbur Crandell B.I.E., 1949, Georgia Institute of Technology	D.C.	Ulug, Hasan Tarik B.S., 1943, M.S., 1946, University of London	D.C.
Tupper, Genevieve Francis	D.C.	Umar, Yassin A.B., 1944, The George Washington University	D.C.
Turbeville, Bernice Fielder	Va. Pa.	Umhau, John B., Jr. A.B., 1949, The George Washington University	D.C.
Turchetti, Anthony Joseph B.S., 1945, M.S., 1947, Pennsylvania State College	D.C. Okla. Pa.	Umperre, Francisco Jose A.B., 1950, University of Puerto Rico	Puerto Rico
Turco, Rudolph Joseph	Maine	Underwood, Floyd Everett	Ohio
Turcotte, Charles Louis	Va.	Underwood, Joyce	Va.
Turkoon, Joseph Henry III A.B., 1948, Oberlin College	D.C. Pa.	Unger, Howard Robert A.B., 1949, The George Washington University	D.C.
Turkoon, Ruth Sheila	D.C.	Unger, Richard Wayne A.B., 1949, The Citadel	Pa.
Turnan, Harley Emmett, Jr.	D.C.	Unkenholz, Willard Clifton B.M.E., 1948, College of the City of New York	N.Y.
Turnburke, David Vernon	Va.	Unsinn, Helen Frances	D.C.
Turner, Billy Eugene	D.C. Pa.	Uphoff, James Harold	Va.
Turner, Brice Williams A.B., 1950, Harvard University	D.C. Md.	Upton, Arvin Edward A.B., 1931, Western Kentucky State Teachers College	D.C.
Turner, Clarence William, Jr. B.S. in M.E., 1947, Purdue University	D.C.	Urban, Edward William A.B., 1950, Elmhurst College	Conn.
Turner, George Eugene B.S., 1949, Carnegie Institute of Technology	Va.	Urban, Henry Herman J.D., 1934, University of Vienna, Austria	D.C.
Turner, Harriet Oxford	Va.	Urner, Priscilla Rabethge A.B., 1939, Boston University	D.C.
Turner, Joseph Morton A.B., 1940, Whitman College	Oreg.	Urrutia, Carlos Aparicio A.B., 1949, University of Dayton	Guatemala
Turner, Laura Lucille	Ohio	Ushijima, John Takeji A.B., 1950, Grinnell College	Hawaii
Turner, Laura Margaret	Va.	Ussery, Albert Travis A.B., 1950, Washington University	Va.
Turner, Malford Charles	N.D.	Ussio, Anna Dolores Ustun, Semih Ardemir	Pa.
Turner, Mary Carolyn	Ill.	Utley, Frank Herbert, Jr.	D.C.
Turner, Mary Johnston	D.C.	Utman, Ronald B.S., 1950, University of Maryland	Md.
Turner, Perry Edward B.S. in E.E., 1949, Purdue University	Va.	Utteridge, Judith Cecile Uzzell, Edward Roy, Jr.	D.C. Va.
Turner, Philip Hale	Md.	Vache, Barbara Marie A.B., 1948, The George Washington University	Ohio
Turner, Priscilla Ann	Ohio	Vahouny, George Wartkes	Va.
Turner, Richard Clark A.B., 1950, State University of Iowa	Iowa	Vail, Benjamin Anthony A.B., 1950, West Liberty State College	Va.
Turner, Thomas B.S., 1941, United States Naval Academy	Ala.	Vaill, Dorothy Louise	Va.
Tuttle, Wilma Lois A.B., 1944, The George Washington University	D.C.	Vain, Neal John	Va.
Twardowski, Edward Theodore M.S., 1949, University of Pennsylvania	Pa.	Valaki, Virginia Titus A.B., 1947, Hunter College	N.Y.
Tweed, John Franklin	Md.	Valdes, William Charles A.B., 1950, Yale University	N.Y.
Tweed, Elwood Borton	Va.	Valentine, Gordon Kenneth	Mo.
Twella, John Kenneth B.S., 1949, United States Naval Academy	Va. Tenn.	Valentini, Philip Endicott	D.C.
Twining, Richard Grant McKeever A.B., 1950, University of North Carolina	Va.	Valenza, Ethel Jane	D.C.
Tydriga, Joseph Davies	Md.	Valenzi, Joseph Thomas	N.Y.
Tyler, Charles Raymond	Md.	Valenzi, Louise Mary	N.Y.
Tyler, Fielden Bradford	Va.	Valk, Henry Snowden	D.C.
Tyma, Stephen	N.Y.	Vallavio, Michael Emil	Pa.
Tyrell, Richard Campbell	N.Y.	Valles, Fred Sylvester	Wyo.
Tyinger, Wade Hays	D.C. Tex.	Valone, Peter Louis	N.Y.
Tyson, Harriet			

Van Allen, Peter	D.C.	Vaughndorf, Betty Ray	Ga.
Van Allen, Roland Louis	Va.	Vaupel, Verste Edith	Mo.
VanBremen, Wilbur Lee	Va.	Vaupel, Warren Frederick	Va.
Van Briggie, Robert Dallas	Mo.	Vautrain, Charles Edward, Jr.	Va.
A.B. 1949, The George Washington University		B.S. 1941, United States Coast Guard Academy	
Vance, John Andrew	W.Va.	Vavra, Helen Mary	Va.
B.S. 1951, Fairmont State College		A.B. 1945, The George Washington University	
Vance, Lucy	W.Va.	Veal, Jean Vera	D.C.
Vance, Nelson Carr, Jr.	D.C.	Vedder, Dora Amelia	N.Y.
VanDavere, Georgiana T.	Va.	Vehorn, John Wesley	S.C.
Van De Mark, Grant W.	D.C.	Veintemillas, Jaime V.	Bolivia
Vanderpol, Jack	N.Y.	Velander, Wallace Earl	D.C.
A.B. 1948, The George Washington University		A.B. 1950, University of Maryland	N.J.
Van Deusen, Margaret Ann	Va.	Vellone, Joseph	
Van De Water, Malcolm Stickle	Fla.	A.B. 1938, New Jersey State College	Md.
Vandiver, Carl Winthrop	Md.	Venables, Harry Robert	
Van Doren, Helen Elizabeth	D.C.	A.B. 1949, University of Maryland	D.C.
Van Ellis, Joy	Wis.	Venezky, Edith Rita	Md.
Vannas, Elwin Trafton	N.H.	Venezky, Milton Saul	Pa.
A.B. 1950, University of New Hampshire		Venack, Jacob	D.C.
Van Gestel, Theodore J.	Va.	Ventre, Anthony	D.C.
Van Gorder, Lewis George	Va.	Ventres, Daniel Brainerd, Jr.	Calif.
B.S. 1943, Pennsylvania State Teachers College, Mansfield		Ventuleth, Frederick Edwin	
Vangel, Lavin	D.C.	A.B. 1948, Stanford University	D.C.
Van Heusde, Philip Willer	D.C.	Vera, Fernando Antonio	Philippines
Van Home, Carolyn	Nebr.	Vera Cruz, Caridad Garcia	Pa.
Van Home, Cornelia Howe	Va.	Verban, John Joseph	
Van Horne, Dorothy	Nebr.	B.S. 1949, Wilkes College	Pa.
Van Lone, Ross Bowring	D.C.	Verbita, Albert	
B.S. 1945, Wisconsin State Teachers College, Whitewater		A.B. 1949, Pennsylvania State College	Va.
Van Meter, Ellsworth Evans	D.C.	Vernon, Susan Emily	Okla.
A.B. 1943, Indiana State Teachers College		Vernon, Richard Enloe	
Van Meter, Jack Philson	D.C.	A.B. 1930, University of Oklahoma	N.J.
Van Metre, Albert G.	Va.	Verta, James	
Vann, Clarence Houston	D.C.	A.B. 1950, The George Washington University	N.J.
Van Riwick, Guy Everett	Va.	Vertino, John Joseph	Va.
A.B. 1950, The George Washington University		Vertner, Edmund Kearny, Jr.	D.C.
VanStaden, George Arthur	N.Y.	Verwiebe, Jennifer Mary	
A.B. 1950, The George Washington University		A.B. 1949, Wells College	D.C.
van Staveren, Johanna	D.C.	Verwiebe, Sylvia B.	N.Y.
Van Steenberg, Charlotte Ellen	Ill.	A.B. 1951, Brooklyn College	Md.
Van Swearingen, Earl Kendall	Hawaii	Vespole, Michael James	Va.
B.S. 1927, United States Naval Academy		Vest, Joan Pinckney Wheeler	D.C.
Van Way, Charles Ward, Jr.	D.C.	Vest, Robert DuVal	D.C.
B.S. 1924, United States Military Academy		Vest, Stanley Jay	D.C.
Van Winkle, Marian Logue	D.C.	Vicino, Dominic Joseph	Va.
Varela, Federico Guillermo	Bolivia	Vick, Billy McGuire	Va.
Vartabedian, Dorothy Margaret	D.C.	Vick, David Franklin	Md.
Vary, William L.	Va.	Vicory, Alan Higham	
Vasaly, Charles Edward	Md.	Vieau, Janice Yvonne	Va.
A.B. 1938, University of Minnesota		B.S. 1949, University of Maryland	Va.
Vasli, Michael	Pa.	Vieira, Manuel	D.C.
Vaughan, Frank Emmett	Va.	Vienneau, Wilfred Clifford	D.C.
Vaughan, James Alexander	S.C.	Vierbuchen, G. Reid, Jr.	D.C.
Vaughan, James John	Md.	Vigness, Helen Anne	Mass.
B.S. 1933, United States Naval Academy		Vigneault, Clarence Octave	Puerto Rico
Vaughan, Joseph Harrison	Va.	Vigoreaux, Jose Ramon	Pa.
Vaughan, Leonard Walton	Va.	Villa, Claude Robert	D.C.
A.B. 1949, The George Washington University		Villalon, Edward Gonzales	D.C.
		Villechaise, Jean Andre	D.C.
		Villella, Gerald Anthony	D.C.
		Vincent, John Elmer	
		B.S. 1948, Pennsylvania State Teachers College, Millersville	Conn.
		Vinci, Carolyn	
		A.B. 1948, The George Washington University	Pa.
		Vinikoor, David	Va.
		Vinkenes, Stanley Charles	



# Students Registered

557

Vintila, Mary Jane	Ohio	W	
Viola, Gennaro	D.C.	Waalkes, Teunis Phillip	D.C.
Vipperman, Emmett Eugene	Va.	A.B. 1941, Hope College	
Vipperman, William McKinley	D.C.	Ph.D. 1945, Ohio State University	
Vivian, Donald Odell	Del.	Wachtel, Arthur	Va.
Vire, Howard Francis	Ill.	Wachtel, Irma Schocken	N.Y.
A.B. 1937, Oakland City College		A.B. 1944, Columbia University	
M.S. 1949, Indiana State Teachers College		A.M. 1946, Cornell University	
Virt, Earl Edward, Jr.	Va.	Wack, John Monroe	D.C.
Vitale, Michael Joseph	N.J.	Wack, Richard Francis	D.C.
LL.B. 1950, The George Washington University		Wacker, Warren Ernest Clyde	Va.
Vitez, Thomas George	N.Y.	Waddell, Guy Post	Va.
A.B. 1949, College of the City of New York		Waddingham, Albert Thorpe	Utah
Vinellus, Joseph Bruno	D.C.	Wade, Charles Joseph	D.C.
Vivian, Charles George, Jr.	Wyo	Wade, Earle Jasper	Md.
Vizzard, William Raymond	Calif.	Wade, Elizabeth Jean	D.C.
B.S. 1949, University of San Francisco		Wade, Joseph Edward	Md.
Wahakis, Anthony John	D.C.	Wade, Minnie Rountree	D.C.
Wier, Leland Arthur	Va.	A.B. 1929, Georgia State Teachers College	
A.B. 1943, A.M. 1950, The George Washington University		Wade, Richard Rudolph	Md.
Widick, Anthony John	D.C.	A.B. 1948, A.M. 1949, The George Washington University	
Wodkowski, Seymour Daniel	N.Y.	Wade, Robert Lee	Calif.
A.B. 1948, Brooklyn College		Wadleigh, John Russell	D.C.
Worrell, Mary Joan	Md.	Wadlow, Anne Yvonne Mary	D.C.
A.B. 1946, University of Pittsburgh		Wadsworth, James Leo	Nev.
Vogel, Christine	D.C.	A.B. 1948, Brigham Young University	
A.B. 1948, University of Southern California		Waffle, Frances Jane	Md.
Vogel, Cornelius Ruediger	D.C.	Wagner, Grace Carole	D.C.
Vogel, Frederick Gregory	Conn	Wagman, Barlow Jacob	D.C.
Vogel, Millicent Jeanne	Md.	Wagner, Arthur Philip	N.Y.
A.B. 1947, Indiana University		A.B. 1950, American University	
Vogel, Ralph Henry	Calif.	Wagner, Arthur William	D.C.
B.S. 1946, Harvard University		Wagner, Carlene Patricia	N.Y.
Vogelhuber, George Curtis, Jr.	Ohio	Wagner, Eugene Edward	Pa.
B.S. 1947, Ohio State University		Wagner, Frank Conrad, Jr.	D.C.
Von, Allen Frederick	Md.	Wagner, George William	Md.
B.S. 1941, M.S. 1950, Ithaca College		Wagner, Glen Edward	Pa.
Vorke, Mildred Eleanor	Va.	B.S. 1947, Pennsylvania State Teachers College	
Vorke, Charles Sebastian, Jr.	D.C.	Wagner, John Oliver	Va.
Vorke, Clarence A., Jr.	Md.	Wagner, John Robert, Jr.	Md.
Vorke, Donald Willard	D.C.	Wagner, Joseph Albert	Pa.
Vorland, Charles David	Pa.	Wagner, Joseph Francis, Jr.	Calif.
A.B. 1950, Brown University		Wagner, Mary Gertrude	D.C.
Vorsted, John Dorthar	Md.	A.B. 1944, A.M. 1947, The George Washington University	
A.B. 1946, The George Washington University		Wagner, Richard	Va.
Vorwerk, Ann Prekopa	Va.	B.S. 1947, United States Naval Academy	
Vorwerk, Nicholas A.	Va.	A.M. 1949, The George Washington University	
A.B. 1949, The George Washington University		Waxoner, Mary Maxine	W.Va.
Von Rapp, Benly, Clara Pontius Ove	Sweden	A.B. 1947, Salem College	
Vorster, Marian Ann	Wis.	Wahman, Charles	D.C.
Vorster, Walter Miller	Fla.	Wahel, Grace Theodora	Minn.
Vorster, Anna Maxwell	Md.	A.B. 1944, College of St. Catherine	
Vorster, Arnold Alfred	Mass.	Waid, Polly Edward	Va.
Vorster, Leonidas Charalambos	D.C.	B.S. 1945, Radford College	
A.M. 1949, University of Wyoming		Wanger, Jack	D.C.
Vroom, Oliver Evans	D.C.	A.B. 1947, The George Washington University	
A.B. 1948, The George Washington University		Waite, Nancy Jane	D.C.
Vibakana, Ludmilla Vasilievna	Calif.	Waite, Sumner	D.C.
A.B. 1950, University of California		A.B. 1911, University of Maryland	
		Wakefield, Paul	Tenn.
		A.B. 1944, Loyola University	
		A.M. 1950, George Peabody College for Teachers	
		Wakefield, Walter Frederick	D.C.
		Wakevainen, Donald Arvo	Md.

Walczak, Bronislaw Stanley	D.C.	Wallace, William Tearle	Md.
Walderon, Henry Ford	Md.	A.B. 1940, Pennsylvania State College	Md.
A.B. 1949, David Lipscomb College		Wallace, Wilton Thomas	Va.
Waldman, Eric	Md.	Wallen, Andy Howard	Utah
A.B. 1950, The George Washington		Waller, Forrest Ermal	D.C.
University		Waller, John Robert	D.C.
Waldmann, Edward August	D.C.	Waller, Lloyd Arthur	W.Va.
Waldo, John Eaton	Md.	Walley, George, Jr.	Va.
Waldorf, Richard Dean	S.D.	Wallick, Robert Daniel	
A.B. 1948, University of South Dakota		B.S. in E.E. 1948, B.S. 1949, Lehigh	
Waldron, Albert Whitney	Calif.	University	D.C.
A.B. 1939, Princeton University		Wallis, Kimball Allyn	D.C.
M.S. 1940, University of Chicago		Wallop, Edgar Ellis	Va.
Waldron, David Louis	Md.	Walsh, Charles John, Jr.	D.C.
Waldron, Mattie Alice	Va.	Walsh, David Arthur	
Waldron, Richard Vernell	Ill.	B.E.E. 1949, The George Wash-	
LL.B. 1950, The George Washington		ington University	D.C.
University		Waleh, Eleanor Florence	D.C.
Waldstein, Anne Marie	D.C.	Walsh, James Franklin	
Wale, Margit	N.H.	B.S. 1946, University of Illinois	Conn.
Walecka, Norman Emil	Wis.	Walsh, James Joseph	D.C.
Walinsky, Edward Pius	Pa.	Walsh, Jane Johnson	
Walke, Roger Atkinson, Jr.	Va.	A.B. 1950, Vassar College	Mich.
A.B. 1936, Princeton University		Walsh, Lawrence John	Pa.
Walker, Alice Elaine	Md.	Walsh, Mary Theresa	Mass.
A.B. 1947, The George Washington		Walsh, Paul Joseph	D.C.
University		Walsh, Susanne	Pa.
Walker, Barbara Ann	Va.	Walsh, Charles William	D.C.
Walker, Ernest Carroll	Md.	Walter, David Eberhardt	
Walker, Fred Bynum	Va.	A.B. 1921, Lycée Francaise, Alex-	
A.B. 1937, Wabash College		andria, Egypt	
A.M. 1947, University of Florida		A.M. 1924, St. Etienne, Marseilles,	
Walker, Genevieve Marie	D.C.	France	
Walker, George Edward	Va.	Ph.D. 1926, Technische Hochschule,	
B.S. 1915, Dartmouth College		Berlin, Germany	Va.
Walker, George Russell	D.C.	Walter, Edith Elizabeth	
Walker, Harold Donald	Va.	A.B. 1944, Randolph-Macon Woman's	
A.B. 1917, The George Washington		College	Mass.
University		Walter, Elmer Herman	Ill.
Walker, John Robert	La.	Walter, Howard Leroy	Va.
Walker, John William	D.C.	Walter, Raymond Ward, Jr.	Md.
Walker, Joseph J.	D.C.	Walter, Richard Henry	Ky.
Walker, Kaye An	Tex.	Walter, Wardell Tingley	
Walker, Martha Sater	D.C.	B.S. 1938, University of Kentucky	Pa.
A.B. 1932, Ohio State University		LL.B. 1949, Georgetown University	
Walker, Mary Louise Julianne	D.C.	Walters, Elvin Winfred	D.C.
B.S. 1951, Catholic University of		B.S. 1940, Lebanon Valley College	Pa.
America		Walters, Frank John	
Walker, Michael Jerald	N.J.	Walting, Paul John	
Walker, Patrick Henry	Md.	A.B. 1949, Pennsylvania State College	Md.
Walker, Russell Louis	Va.	Walton, Frederick Henry, Jr.	
Walker, Sue Eileen	D.C.	B.S. 1938, LL.B. 1941, Georgetown	
Walker, William David	Va.	University	Md.
A.B. 1950, Cornell University		Walton, Herbert James	D.C.
Walker, William Warren	Wash.	A.B. 1948, John B. Stetson University	D.C.
B.S. 1934, United States Naval		Walton, Howard Lacy, Jr.	D.C.
Academy		Walton, John Fisher	England
Wall, Conrad Grey	Md.	Walton, June Dahne	D.C.
Wall, Harvey Ruben	Kans.	Walton, Maisie Kathleen	
Wall, Samuel	Calif.	Walton, Walter Austin	
B.S. 1950, Whitworth College		A.B. 1942, University of Minnesota	Ky.
Wall, Stanley James	Md.	Waltrip, James Hugh	D.C.
Wallace, Dennis	Mo.	Waltz, Helen Kathryn	Va.
Wallace, Ernestine Bruner	Ala.	B.S. 1947, Gettysburg College	Va.
B.S. 1948, Alabama State Teachers		Walworth, Kathleen Ann	Tenn.
College		Wamplen, Frederick Clarke	
Wallace, Gertrude H.	Fla.	Wanamaker, George Ernest	N.Y.
Wallace, Howard Kenneth	Tex.	B.S. 1949, University of Tennessee	
Wallace, Ira Robert	D.C.	Wandel, Fred Charles	D.C.
Wallace, James David, Jr.	Ala.	B.S. 1935, M.S. 1938, College of the	
Wallace, John Berry	D.C.	City of New York	
		Wang, David I. J.	

# Students Registered

559

Wang, Tseng Fu			
Ward, Edward Francis	D.C.	Wasser, Frances Rothberg	D.C.
B.S. 1946, The George Washington University	D.C.	A.B. 1947, The George Washington University	
Ward, Frances Galvin	Va.	Watson, Robert Venson	Calif.
Ward, Glenn Richard	Md.	Waterman, Guy Van Vorst	D.C.
Ward, Helen L.	D.C.	Waterman, Rich Leeman	D.C.
Ward, John Wesley	Tenn.	Watermeier, Howard Thomas	Va.
B.S. 1950, The George Washington University		Waterous, Jean Benton	Md.
Ward, Joyce L.	D.C.	A.B. 1940, Mount Holyoke College	
Ward, Paul Andrews	D.C.	A.M. 1943, The George Washington University	
A.B. 1938, Municipal University of Omaha		Waters, Rosalind Jeanne	D.C.
Warden, Imogene	Md.	A.B. 1949, Dunbarton College of Holy Cross	
Warden, John Lindley, Jr.	Conn.	Waterval, Richard Adolf	Va.
Warder, Frederick Burdett, Jr.	Conn.	Watford, Frankie Hillery	Ga.
Wardlaw, Gladys Anne	D.C.	Wathey, Henry Lancaster	D.C.
Ware, Frances Lee	Ky.	Watkins, Clara Christine Scholtz	Va.
A.B. 1940, University of Louisville		Watkins, Harold Stanley	Md.
Ware, Keith Lincoln	Va.	Watkins, Henry Lee	Va.
Ware, Robert Stephens	D.C.	A.B. 1950, The George Washington University	
Wareham, Edward Alexander III	Md.	Watkins, Jeanene	Va.
Wareing, Richard Burleigh	Ohio	Watkins, John Montford	Va.
Warfield, John Breckenridge	Md.	Watkins, Lorna	Va.
Warfield, Richard Myers	Md.	A.B. 1941, Brigham Young University	
A.B. 1948, The George Washington University		Watkins, Nina Eileen	Va.
Warkola, Mary Elizabeth	D.C.	Watkinson, Mary Clare	D.C.
A.B. 1949, Marywood College		Watsons, William Leslie Peter	N.Y.
Warkola, Mildred Anne	D.C.	Watson, Beulah Elizabeth	Tex.
Warkok, Lawrence John	D.C.	A.B. 1950, The George Washington University	
Warkok, Helen O.	Va.	Watson, Bruce Parish	D.C.
Warkok, William Davies	D.C.	LL.B. 1947, A.B. 1950, The George Washington University	
Warner, Brainerd Henry III	Md.	Watson, Charles Roger, Jr.	Pa.
Warner, Haul L.	Va.	A.B. 1938, Princeton University	
Warner, John William	D.C.	Watson, Evan William	D.C.
B.S. 1940, Washington and Lee University		Watson, George Morgan	Iowa
Warner, Philip Lambert	Va.	A.B. 1940, State University of Iowa	
A.B. 1948, American University		Watson, Gerald Leroy	D.C.
Warner, Wallace, Jr.	D.C.	Watson, Jack Otto	Md.
Warner, William Claffin	Md.	Watson, Jack Wilbur	Iowa
A.B. 1949, The George Washington University		A.B. 1938, State University of Iowa	
Warhol, Jacqueline Ethel	Minn.	Watson, James Angus III	D.C.
Warren, Andrew Louise	D.C.	Watson, Neal	Md.
Warren, Clarence John	Va.	A.B. 1948, Bucknell University	
B.S. 1936, University of Tennessee		Watson, Robert Carlyle	Va.
Warren, Margaret Elizabeth	D.C.	Watson, Robert Giles	Va.
Warren, Robert Eric Rulley	D.C.	B.C.E. 1943, Clemson Agricultural College	
Warren, Ruth Tucker	Va.	Watson, Walten Scott, Jr.	D.C.
Warren, Tom Howard	Va.	Watt, Audrey Lorraine	Va.
Warren, Virginia Caroline	D.C.	Wattles, Thomas Lippitt	Va.
Warren, Marion Ruth	Pa.	B.S. 1920, United States Naval Academy	
Warren, Marie Kvarina	D.C.	Watts, Aubrey Dwight	D.C.
Warren, William Victor	D.C.	Watts, Harvey Franklin	Va.
Warren, Betty Gray	D.C.	Waugh, Carolyn Lydia	Maine
Warren, Donald Wayne	Pa.	A.B. 1949, The George Washington University	
Warren, Clyde Hawthorne	Md.	Waugh, Richard Alvin	Va.
A.B. 1942, Dakota Wesleyan University		Waupoose, Richard	Wis.
Warren, Ivan Winthrop	Va.	Way, Joseph Dale	Pa.
B.F. 1942, The George Washington University		Weare, George Cabot	D.C.
Warren, James William	Va.	A.B. 1949, University of Maryland	
LL.B. 1946, Lafayette College		Weart, N. Cordie	N.J.
LL.B. 1949, The George Washington University		Weasmer, Charles Brent	D.C.
Warren, Regina R.	Pa.	Weatherbee, Harvard Yelland	Md.
		B.S. 1948, University of Denver	
		Weatherly, William Henry III	N.C.



Weathers, Milledge Wright A.B. 1949, The George Washington University	Ga.	Weidenhamer, Margaret Helen A.B. 1945, University of Maryland	N.Y.
Weaver, David Paul A.B. 1948, Washington College	Va.	Weidensaul, Lewis Harold	Pa.
Weaver, Douglas Price A.B. 1948, The George Washington University	Iowa	Weigand, Robert Joseph	Md.
Weaver, Gilbert Earl A.B. 1948, Lenoir-Rhyne College	N.C.	Weigel, Charles Adolph, Jr. B.S. 1950, University of Maryland	D.C.
LL.B. 1950, The George Washington University		Weil, Frederica B.S. 1950, American University	Calif.
Weaver, Nell	D.C.	Weiler, Herbert John	D.C.
Weaver, Patricia Ann	N.Y.	Weimer, David Blair	Va.
Weaver, Wallace Bruce	N.Y.	Weinberg, Murray	D.C.
Webb, Anne Snyder	W.Va.	Weinberger, George	D.C.
A.B. 1948, Shepherd College		Weinberger, Leo Lothar B.S. 1948, Georgetown University	N.Y.
Webb, Edwin Yates	D.C.	Weingarten, Hyman	N.Y.
Webb, John Wesley	Md.	Weingrad, Richard Herbert B.S. 1950, The George Washington University	D.C.
Webb, Joseph Coates, Jr. A.B. 1948, The George Washington University	D.C.	Weinman, Madelyn Gayle	D.C.
Webb, Wallace Edwards A.B. 1949, John B. Stetson University	Fla.	Weinrich, Lee Wallace	D.C.
Weber, Arnold Isidor Ph.B. 1949, Marquette College	Wis.	Weinstein, Allen Jack	N.Y.
A.M. 1950, Harvard University		Weinstein, Kenneth Neil	D.C.
Weber, Edward Robert B.S. 1940, Wisconsin State Teachers College, La Crosse	D.C.	Weinstein, Rebecca Ruth B.S. 1928, University of Illinois	
A.B. 1948, University of Wisconsin		M.S. 1917, University of South Carolina	
Weber, Harry Fredrick A.B. 1934, A.M. 1939, The George Washington University	Md.	Ed.D. 1942, New York University	D.C.
Weber, Margery Stine	Md.	Weinstein, Robert Earl A.B. 1949, The George Washington University	D.C.
Weber, Paul B.S. 1946, The George Washington University	Va.	Weinstein, Samuel	D.C.
Weber, William John	D.C.	Weintraub, Irwin George	N.Y.
Weber, William Joseph, Jr. E.E. 1943, University of Cincinnati	D.C.	Weintraub, Leo Martin	N.C.
Webster, Clark Gibbons	Md.	Weisberg, Ruth Shirley	D.C.
Webster, Edward B.S. 1943, University of Maryland	Md.	Weisberg, Tanya Elaine	D.C.
Webster, Frances Lee	D.C.	Weisblatt, Irving	Md.
Webster, John Clyde	Ind.	Weise, Allen Gardner B.S. 1948, The George Washington University	D.C.
Webster, William Harley A.B. 1920, A.M. 1930, Northwestern University	Md.	Weise, Ernest Lyman B.S. 1918, The George Washington University	D.C.
Wedge, John William	Nev.	Weisserber, Leo Bernard	N.Y.
Wedgeworth, Lulu May A.B. 1928, The George Washington University	Md.	Weiss, Herbert B.S. 1949, College of the City of New York	D.C.
Wedler, Arthur, Jr.	Ind.	Weiss, Peter Josef	N.Y.
Weeder, Gilbert Louis	D.C.	Weiss, Robert Jerome A.B. 1949, University of Rochester	
Weeks, Gladys Evelyn B.S. 1947, The George Washington University	D.C.	A.M. 1950, The George Washington University	D.C.
Weeks, Harold Eugene	D.C.	Weiss, Rowena B.Ch.E. 1949, Catholic University of America	N.Y.
Weeks, John Dwight	Va.	Weiss, Sherwin Elihu A.B. 1950, Brooklyn College	D.C.
Weeks, Mary Charlotte A.B. 1942, Madison College		Weiss, William M. B.S. 1948, Indiana University	Va.
Weeks, Patricia Dwight	Md.	M.S. 1949, Columbia University	
Weznich, Chester George	D.C.	Weissenberger, Walter George B.Ch.E. 1949, Georgia Institute of Technology	D.C.
Wehrle, Charles A.B. 1950, Davis and Elkins College	N.J.	Weissinger, Phyllis Bate	N.Y.
Wehrstedt, George Gustau B.S. 1936, Virginia Polytechnic Institute	Md.	Weissman, Milton B.Ch.E. 1939, New York University	D.C.
Weidemeyer, William Albert	Va.	Weissman, Nathan J.	Va.
		Weissmann, Max Ludwig	Md.
		Weitzel, Elizabeth M.	D.C.
		Weitzel, James Russell	D.C.
		Weitzman, Mary Cohen	
		Weitzner, Jay Kenneth	

Students Registered

561

Weker, Simon Louis A.B. 1934, Harvard University M.Ed. 1938, Teachers College of the City of Boston	Mass.	Wenger, Joseph Numa B.S. 1923, United States Naval Academy	D.C.
Welch, Edith M. A.B. 1948, Columbia Bible College	Miss.	Wenger, William Fred Wenner, Evelyn Wingate	Va. Md.
Welch, George, Jr. Welch, June Curtis Welch, June Ray	D.C. Tex. Tex.	A.B. 1920, Blue Ridge College, Md. A.M. 1937, Johns Hopkins University Wensel, Henry Theodore, Jr.	D.C. D.C.
Welch, 1950, Texas Christian University Welch, Leora Avis Welch, Michael Crawley Welch, Philip Pindell	Okla. D.C. Md.	A.B. 1946, St. John's College Wentland, Alfred Wentz, Lois Mae Wenzel, Henry George	D.C. Va. N.Y.
B.S. 1918, United States Naval Academy		A.B. 1939, LL.B. 1942, Harvard Uni- versity	N.Y.
Weld, Dorothy Anne Weller, Clara G. Baden Wells, 1941, University of Maryland	Va. D.C.	Wenzel, Marian Stewart A.B. 1949, Brown University	N.Y.
Welles, Richard Henry Wellford, Mary Jean A.B. 1948, Randolph-Macon Woman's College	Va. D.C.	Werbow, Farrell Roy Werner, Alice Crane Werner, George Henry	D.C. N.J. Md.
Wellington, Benjamin A.B. 1950, The George Washington University	D.C.	B.M.E. 1940, The George Washington University	N.J.
Wellington, Marion Webber A.B. 1911, Brown University Ed B. 1914, Rhode Island College of Education	D.C.	Werner, Norma Muriel Werner, Winton Willis Werntz, Carl Weber	N.J. Minn. D.C.
Wellington, Peretz A.B. 1950, The George Washington University	N.Y.	Werthenbruch, Mary Claire Werth, Richard B.S. 1941, A.M. 1942, Columbia Uni- versity	D.C. Va.
Welliver, Dorcas Myers Wellman, Wayne Eugene Wells, Delbert Eugene Wells, Dorothy Jane Wells, Edmund John, Jr.	D.C. D.C. D.C. D.C.	Wertheim, David Seymour Wesper, Willis Henry West, Alberta Anne West, Ernest Paul	N.Y. N.J. Del. D.C.
B.S. 1948, The George Washington University	D.C.	West, Genevieve Lillian West, George William West, Guy Barnes, Jr. West, Luther Charles	N.Y. D.C. Del. Ala.
Wells, Ellwood C. Wells, Glenn Sherman B.S. 1949, Madison College Wells, Lurban Alexander B.S. 1949, University of Florida Wells, Morris William B.S. 1949, Miami University Wells, Raymond Norton, Jr. Wells, Rebecca Roe Wells, Robert Oscar, Jr. Wells, Sarah Miller Wells, Sidney Deeds, Jr.	Ohio Va. Fla. Va. Va. Ky. Mich. D.C. Md.	A.B. 1948, Birmingham Southern College West, Marc Lee B.S. 1948, The George Washington University West, Mary Ellen A.B. 1947, State University of Iowa West, Norman Ariel A.B. 1949, University of Richmond West, Robert Harlow West, Robert Nelson A.B. 1950, Lynchburg College West, Seymour Israel A.M. 1941, Clark University West, William Donald B.S. 1949, Georgetown University	D.C. D.C. Va. Ind. Va. N.J. D.C.
Wells, Charles George B.S. 1949, University of Wisconsin Wellwood, Robert Edward A.B. 1950, Columbia University	Wis. N.J.	Westbrook, Danelle N. Westbrook, William Hughes Westcott, George Godfrey Westcott, Raymond Arthur Westebbe, Barbara Colleen Marie Westerman, Thomas Nelson Westermann, Harland Walter	Ga. Pa. N.Y. Minn. Kans. D.C. D.C.
Welsh, John M. Welsh, Joseph Marshall Welsh, Mary Kathleen Welshans, Fred Gardner A.B. 1947, Shepherd College Welshans, Shirley Margaret Wende, Charles Thomas B.S. in E.E. 1934, Purdue University Wendell, Harold Gilbert Wendts, Carl Morten A.B. 1917, A.M. 1939, University of South Dakota Wendt, Lucile Bord A.B. 1942, University of South Da- kota	Va. D.C. Va. W.Va. Pa. Wash. Md. Iowa S.D.	A.B. 1940, The George Washington University Western, Basil Maxwell, Jr. Westervelt, Frederic Ballard, Jr. Westfall, Henry Bryan Westmoreland, Robert Norman Wetherbee, Fairland Henry Wetherill, Elizabeth Cortwright Weitzel, Charles Maynard B.S. in C.E. 1936, University of Alabama Wetzel, Lawrence Bartlett, Jr. Wetzel, Nelson Emmett	D.C. Va. D.C. D.C. Md. D.C. Va. D.C. D.C.

Wexler, Hilda	Md.	White, Howard Seal	Va.
A.B. 1936, New York University		B.S. 1949, Wilson Teachers College	Va.
Whalen, John Bernard	Va.	White, Joseph Hill	
Whalen, Ralph Leroy, Jr.	D.C.	LL.B. 1951, The George Washington	
Whaley, Mary Virginia	W.Va.	University	D.C.
A.B. 1949, The George Washington		White, Katherine Lois	D.C.
University		White, Kenneth Woodward	
Whann, Matilda Zeuch	Md.	A.B. 1949, The George Washington	
Wharry, Llewellyn Russell	Ill.	University	Va.
B.S. 1931, Bradley Polytechnic		White, Larry Douglas	N.Y.
Institute		White, Lawrence Lloyd	D.C.
A.M. 1946, State University of Iowa		White, Margaret Anne	Tenn.
Whearty, Katherine Dennin	Va.	White, Raymond Vernon	
Wheat, Harriet	D.C.	B.S. 1950, Memphis State College	D.C.
Wheatley, Charles Howard	D.C.	White, Robert Bellarmine	Ohio
B.S. in M.E. 1947, Drexel Institute		White, William Melone	
of Technology		B.S. 1941, The George Washington	
Wheeler, Clyde Arlie, Jr.	Okla.	University	Wis.
A.M. 1941, Oklahoma Agricultural		White-Eagle, Mary Agnes	Wis.
and Mechanical College		White Eagle, Rosanna, May	W.Va.
Wheeler, Edna Boly	Va.	Whitehair, George Washington	
A.B. 1928, Occidental College		A.B. 1930, West Virginia University	Calif.
Wheeler, Joan Mae	D.C.	Whitehead, Roger Donald	D.C.
Wheeler, John Dixon, Jr.	Va.	Whiteley, Audrey Bathke	D.C.
Wheeler, Mary Starr	Conn.	Whiteley, Mary Norworthy Shepard	
A.B. 1916, Wellesley College		A.B. 1940, Rollins College	D.C.
LL.B. 1949, The George Washington		Whitelock, Frances Eleanor	Conn.
University		Whiteman, Margaret Ellen	D.C.
Wheeler, Richard E.	D.C.	Whitesed, Joseph A.	D.C.
Wheeler, Richard Paul	Md.	Whitesel, Roy Thornton	
Wheeler, Violette Niederhauser	D.C.	Whitesell, Harry Sellers	
Wherry, David Colwell	Va.	A.B. 1948, A.M. 1940, The George	
A.B. 1948, The George Washington		Washington University	Ky.
University		Whitfield, Anita Marilene	
Whisenand, Benjamin Murray	Oreg.	B.S. 1948, Union College and Uni-	Ten.
Whitacre, Frank Lee	Va.	versity	
A.B. 1937, Shepherd College		Whiting, Louise Tiffany	
Whitaker, Doris Alleen	Md.	A.B. 1949, The George Washington	N.C.
A.B. 1943, Southern Methodist Uni-		University	
versity		Whitley, William White	
Whitaker, Malcolm Willis, Jr.	Tex.	A.B. 1939, University of North Caro-	N.J.
B.S. 1941, United States Naval		lina	D.C.
Academy		Whitlock, Charles Barton	Pa.
M.S. 1947, Massachusetts Institute of		Whitlock, Elmer William, Jr.	Va.
Technology		Whitman, Jack	
Whitaker, Mary Lou	Ill.	Whitmore, Charles Warren	
Whitcomb, Ernest Randolph	Fla.	M.D. 1947, University of Virginia	Md.
B.S. 1950, University of Florida		Whitmore, Ellen Christine	
Whitcroft, Thomas Henry	D.C.	A.B. 1948, Mary Washington College	Ner.
White, Alfred Lawson	D.C.	Whitmore, Lorin Brigham	D.C.
White, Archie Esten	Tenn.	Whitmore, Mary Ursula	
White, Charles Adams	Va.	B.S. 1935, Massachusetts State Teach-	Ner.
White, Charles Edward	D.C.	ers College	D.C.
B.S. 1943, University of Maryland		Whitmore, Sidney Roxton	
White, Doris Virginia	Va.	Whitney, Courtney, Jr.	
B.S. 1940, Madison College		A.B. 1949, Yale University	N.Y.
White, E. Jane Bethel	Va.	Whitney, George Ward	
White, Ernest Leroy	Va.	B.E.E. 1949, Rensselaer Polytechnic	
White, Foster Lee	La.	Institute	Va.
B.S. 1940, University of Oklahoma		Whitney, Rintoul Thomas	Tenn.
M.S. 1940, University of Tulsa		Whitsitt, Mildred	Va.
White, Frances Lanier	Va.	Whitsitt, Virginia Marie	Md.
White, Frank Elmalie	Md.	Whitt, Gordon Alfred	
White, Genord A.	Va.	A.B. 1940, The George Washington	Ten.
B.S. 1927, Carnegie Institute of		University	
Technology		Whittenburg, John Vernor	D.C.
M.E. 1941, University of Pittsburgh		B.S. in Ch.E. 1948, Rice Institute	Md.
White, George Erhardt	Md.	Whittenburg, Lillian May	
White, Horace Walter, Jr.	Calif.	Whittington, Helen Vierling	
A.B. 1950, The George Washington		A.B. 1910, Columbia University	
University			



Whittington, James Gordon A.B. 1950, The George Washington University	N.C.	Wilkes, James Claiborne, Jr. A.B. 1950, Dartmouth College	D.C.
Whittington, Mary Louise	Wyo.	Wilkins, Don Frank	Utah
Whittle, Ransom Alban	D.C.	Wilkins, Myra Carolyn	Miss.
Whitworth, Donald Phillip	D.C.	Wilkins, Richard Matlack	Va.
Whitworth, Lewis Beaman	Md.	Wilkinson, Elizabeth Marshall	Va.
Wicke, Philip Jacob	Ohio	Wilkinson, Gloria Rosalia	D.C.
Wicker, George Stanley A.B. 1939, Emory University	Ga.	Wilkinson, John Kenneth	D.C.
Wickham, Robert Saunderson A.B. 1950, The George Washington University	Pa.	Wilkinson, Joseph Wythe B.S. 1947, Carnegie Institute of Technology	Tex.
Wickline, Harry F.	Mo.	Wilkinson, Margaret	D.C.
Wicks, Mabel Lorraine	S.D.	Wilkinson, Mary Margaret	Va.
Wickstrom, Philip Stanley	D.C.	Wilkinson, Richard Sterling A.B. 1949, The George Washington University	Va.
Wieder, Bernard B.S. 1940, Columbia University	N.Y.	Wilkshire, Donald Thomas D.S.C. 1950, Temple University	Va.
Wieder, Ronald M.S. 1950, University of Illinois	N.Y.	Will, Mary Nell	Tex.
Wiefelputz, Edwin Alfred	Wis.	Will, Oscar Vernon	Md.
Wiesert, Gustav Adolph, Jr.	Wash.	Willard, James Essex Fisk	D.C.
Wiener, Harvey	Ill.	Willard, Roger Henry	Va.
Wier, Dorothy Elizabeth	D.C.	Willcox, Amelia Katherine	N.C.
Wier, Richard Austin A.B. 1944, University of Texas	Tex.	Willcox, Ralph Emerson	Va.
Wiggins, John Russell	D.C.	Willcuts, Morton Douglas	Md.
Wicks, Lloyd George	Va.	Willett, John Raymond A.B. 1948, The George Washington University	D.C.
Wicks, Deana Norwood B.S. 1950, The George Washington University	N.C.	Willett, Marie Louise	D.C.
Wiese, Eugene Overbey A.B. 1950, Johns Hopkins University	D.C.	Willey, Richard Lester	D.C.
Wight, Arianna Randolph	Va.	Willing, James Breault	D.C.
Wight, Lloyd Ethan A.B. 1940, Columbia University	D.C.	Williams, Angela Mohala A.B. 1924, A.M. 1931, Indiana University	D.C.
Wladowski, Edward Joseph B.S. 1946, The George Washington University	Md.	Williams, Betty Ruth	Tenn.
Wladyslaw, Donald Mark A.B. 1946, The George Washington University	Mass.	Williams, Bolling Gay A.B. 1941, University of Richmond	Va.
Wladyslaw, Margaret A.B. 1946, The George Washington University	Pa.	Williams, Bonnie Lee B.S. in C.E. 1944, Virginia Polytechnic Institute	Va.
Wolfe, Beatrice Whitney A.B. 1941, Boston University	Vt.	Williams, Bruce Harold B.S. 1944, Southwest Texas State Teachers College	Tex.
Wolfe, Robert Ed.M. 1942, University of Vermont	D.C.	Ed.M. 1948, University of Texas	
Wilbourn, Robert A.B. 1944, Marshall College	D.C.	Williams, Carol Mae	Va.
Wilbourn, Glenmore A. A.B. 1949, University of Washington	D.C.	Williams, Clara Jeanette	Md.
Wilbourn, George Davis	D.C.	Williams, Demaris J.	D.C.
Wilbourn, James Lewis	N.C.	Ed.M. 1945, University of Ohio	
Wilbourn, Mary Rebecca A.B. 1948, Elon College	D.C.	Williams, Dwight Lincoln	R.I.
Wilbourn, Mary Rebecca A.B. 1949, University of Alabama	D.C.	Williams, Earl, Jr.	Ill.
Wilcox, Audrey Reid	Va.	Williams, Edward Allan	Md.
Wilcox, Carolyn Sylvia	Ill.	Williams, Eleazer Andrews A.B. 1940, Princeton University	Va.
Wilcox, Ralph Clyde	Md.	Williams, Elizabeth M.	Va.
Wilcox, Robert Lynn, Jr. B.M.E. 1940, College of the City of New York	D.C.	Williams, Elma	D.C.
Wildman, Janet	Colo.	Williams, Frank Evans, Jr.	D.C.
Wildman, Theodore John	Md.	Williams, George Tifford	D.C.
Wiley, Charles Robert	Pa.	Williams, Gerald Lester	Wash.
Wiley, Myra Ellen	D.C.	Williams, Helen White A.B. 1945, University of Pittsburgh	D.C.
Wilder, Harry Wesley	D.C.	A.M. 1946, Columbia University	
Wilder, Betty May	D.C.	Williams, Henry Newton B.S. 1937, Middle Tennessee State College	Tenn.
Wilder, Charles Latimer A.B. 1950, Dartmouth College	Md.	A.M. 1938, University of Tennessee Ph.D. 1951, University of Chicago	
		Williams, James Otis	Md.
		Williams, Janice Ruth	D.C.
		Williams, Jay Wheldon	Pa.
		Williams, Jeanette Kelly	N.C.

Williams, John Marshall	D.C.	Wilson, Byron Kent	Va.
B.Ed. 1936, Wisconsin State Teachers College, Eau Claire		A.B. 1946, Arkansas State Teachers College	Va.
Williams, John Mitchell	Tex.	Wilson, Charles Edward	W.Va.
B.S. 1940, Texas Christian University		Wilson, Charles LeRoy, Jr.	
Williams, John Paul	D.C.	A.B. 1948, Davis and Elkins College	D.C.
A.B. 1940, Bowdoin College		Wilson, Dale Branch	Mass.
Williams, Juliet D'Arcy	Md.	Wilson, Donald Smith	Ala.
Williams, Katherine Jeannette	D.C.	B.S. 1942, Tufts College	Pa.
Williams, Kendrick W.	Mich.	Wilson, Dyer Pinkney, Jr.	D.C.
Williams, Leonard	Pa.	Wilson, Edward Jay	Md.
Williams, Margaret Goodwin	D.C.	Wilson, Frank Wayne	Pa.
A.B. 1941, Wellesley College		Wilson, George West	
Williams, Marjorie Louise	Md.	Wilson, Gertrude May	
Williams, Marvin Edward	Tenn.	A.B. 1945, Seton Hill College	Va.
Williams, Mary	Md.	Wilson, Harold Jackson	D.C.
Williams, Morgan James	N.Y.	Wilson, Henry Clay	D.C.
Williams, Owen Wingate	D.C.	Wilson, Howard	Okla.
A.B. 1948, Kalamazoo College		Wilson, Jack Herbert	
Williams, Polly Teed	D.C.	A.B. 1950, University of Oklahoma	D.C.
B.S. 1948, The George Washington University		Wilson, James Frederick	D.C.
Williams, Rayburn Albert	Va.	Wilson, James Howie	
B.S. 1940, Lynchburg College		A.B. 1950, The George Washington University	Va.
Williams, Reed Arnold	Idaho	Wilson, Jeanne Claire	Mo.
Williams, Richard Edward	Pa.	Wilson, Jesse Lee	Md.
Williams, Richard Ray	D.C.	Wilson, Joan Elaine	Miss.
Williams, Robert	Ohio	Wilson, John Knox	Md.
Williams, Robert Benjamin, Jr.	Md.	Wilson, Juliana DuBois	
Williams, Robert Marvin	D.C.	A.B. 1950, University of Maryland	Va.
Williams, Robert Reese	D.C.	Wilson, June Doolan	
Williams, Spencer M.	Calif.	B.S. 1948, University of Maryland	D.C.
A.B. 1943, University of California at Los Angeles		Wilson, Leo Earl	
LL.B. 1948, University of California		B.S. in E.E. 1948, Carnegie Institute of Technology	Va.
Williams, Thomas Nottingham	Md.	Wilson, Leonard Merle, Jr.	
Williams, Thomas Richardson	D.C.	A.B. 1949, West Virginia University	D.C.
Williams, Wilfred Stanton	Calif.	Wilson, Orme	Va.
B.F.S. 1937, University of Southern California		Wilson, Paul Grier, Jr.	D.C.
Williams, Willard	Va.	A.B. 1950, University of Maryland	
A.B. 1950, The George Washington University		Wilson, Paul Randolph	Ill.
Williams, William Barron	Mich.	A.B. 1949, The George Washington University	
Williamson, Daniel Lester, Jr.	Va.	Wilson, Philip Harold	
Williamson, Francis Thomas	R.I.	B.Ed. 1940, Illinois State Normal University	Nebr.
B.S. 1931, United States Naval Academy		Wilson, Raymond Boyd	D.C.
Williamson, Robert Burns	Tex.	Wilson, Robert Darrell	D.C.
A.B. 1947, University of Texas		B.S. 1950, University of Oregon	Ill.
Willier, Lillian E.	D.C.	Wilson, Ruth Whitfield	Md.
Willis, Dawn Eliza	N.Y.	Wilson, Sally Cosema	Wyo.
A.B. 1945, The George Washington University		Wilson, Thomas Edwin	
Willie, Dorothy Catherine	D.C.	Wilson, Wilfrid Arthur Neil	D.C.
Willis, Harold Robert	D.C.	Wilson, William Dean	S.C.
Willis, James Darwin	Va.	B.S. 1949, University of Wyoming	
Willis, Stanley Dutton	D.C.	Wilson, William Stokes, Jr.	
A.B. 1950, Mexico City College		Wilson, York Lowry, Jr.	
Willis, Thomas Jones	Ala.	B.S., LL.B. 1950, University of South Carolina	Va.
Willoughby, Nancy Sue	Va.	Wilt, Elizabeth Tudor	Ne.
Wills, Walter Cruise	D.C.	B.S. 1931, Madison College	D.C.
Willson, Percy Hunt	Va.	Wilton, Henry Harris	Va.
Willson, Robert Crumpton	D.C.	Wimberly, Janis Myrth	N.Y.
Wilmer, Patricia Ann	D.C.	Wimbrow, Charles Franklin	D.C.
Wilmott, Nina Mynetta	Va.	Winans, Julia Adelaide	N.J.
Wilson, Arthur Granville	D.C.	Winchester, James William	Pa.
Wilson, Bettie Shipman	Ky.	Windecker, Louis Edwin	N.Y.
Wilson, Betty Funor	N.Y.	Winder, James Joseph	
Wilson, Betty Louise	Md.	Windheim, Sandoe	
		A.B. 1948, A.M. 1950, The George Washington University	

Students Registered

565

Windsor, John, Jr. B.S. 1941, University of California	Calif.	Witkin, Lloyd Benjamin B.S. 1949, Louisiana Polytechnic Institute	D.C.
Windsor, Marshall Daniel	Va.	Witkowski, Walter Phillip	D.C.
Wine, Sarah A.B. 1945, The George Washington University	Mass.	Wixson, Leonard Carroll	Va.
Winegar, Herbert Joseph B.E.E. 1950, Cornell University	N.Y.	Wnek, George	Wis.
Wineland, Robert Kenneth A.B. 1948, The George Washington University	D.C.	Wodinsky, Isidore A.B. 1949, Brooklyn College	Md.
Wines, Faith H. Caulfield	Va.	Wochlke, Arnold Benjamin B.S. 1940, Southeast Missouri State College	Pa.
Wines, Floyd Arthur	Va.	A.M. 1950, The George Washington University	
Wines, Judson James	Fla.	Wohleben, William McNulty B.M.E. 1942, Clarkson College of Technology	N.Y.
Winfrey, Charles Robert A.B. 1950, Shepherd College	W.Va.	Wondich, Francis De Sales B.S. 1945, Harvard University	D.C.
Wingate, Barbara Jean A.B. 1949, University of Maryland	D.C.	Woodke, John Oliver	Va.
Wingo, James Scott	D.C.	Woodke, Andrew	D.C.
Wingo, Walter Scott	D.C.	Wozkowski, Thomas Casmere	Mass.
Wink, Linus John	Md.	Wojtowicz, Jan, Jr.	N.J.
Winkelmann, Frederick William J.D. 1937, University of Göttingen, Germany	N.Y.	Wolf, Alfred	Md.
M Comp L. 1950, The George Washington University		Wolf, Francine Alice	D.C.
Winkler, Joseph Fred	N.Y.	Wolf, Frank George	Md.
Winn, Joan Roetzer B.S. 1950, University of Maryland	D.C.	Wolf, Gustav William	N.J.
Winslow, Joanne Patricia	Va.	Wolf, Joseph Jay A.B. 1950, A.M. 1951, The George Washington University	D.C.
Winslow, Priscilla Alden	D.C.	Wolf, Manuel	D.C.
Winter, Charles Ernest A.B. 1946, A.M. 1938, Colorado College	D.C.	Wolf, Richard Marvin	D.C.
MS 1945, Ph.D. 1947, University of Maryland		Wolf, Zev Leopold B.S. 1951, Northwestern University	D.C.
Winter, Hal Ferdinand A.B. 1950, Indiana University	Va.	Wolfe, Burton Harold	W.Va.
Winter, Lewis Jasper B.S. 1949, The George Washington University	Okla.	Wolfe, Eugene Noel A.B. 1950, The George Washington University	D.C.
Winter, Philip Hayward B.S. 1945, Wilson Teachers College	Md.	Wolfe, Joanne Rhoda	S.C.
Winter, Robert Edward	Pa.	Wolfe, Leon K. B.S. 1949, College of Charleston	
Winter, William Michael A.B. 1948, Dartmouth College	Calif.	Wolfe, Roy Pratt	Ky.
Winters, Wallace Dudley A.B. 1950, The George Washington University	N.Y.	Wolfenson, Jay Warren A.B. 1948, The George Washington University	D.C.
Winters, William Harvey	D.C.	Wolff, Louis A.B. 1949, The George Washington University	N.J.
Wirt, John Alvin	Va.	Wolfe, Leonard Lee A.B. 1948, The George Washington University	Pa.
Wisher, Richard Martin	Md.	Wolfsen, Reuben	D.C.
Wisher, Helen Ausk	Va.	Wolkeat, Jacob Alfred A.B. 1942, University of Pennsylvania	Pa.
Wissner, Carl Edward, Jr.	Va.	Wollin, Harold Frank	Md.
Wissell, Mary Anne Stevenson	D.C.	Wolman, Harold B.S. 1942, College of the City of New York	N.Y.
Wissell, Sheldon William B.S. 1949, University of Maryland	N.Y.	Wolozin, Robert	Mass.
Wissstein, Matthew Martin B.S.C. 1940, College of the City of New York	N.C.	Wolpe, Norma Thelma	D.C.
Witters, John Lewis B.S. 1940, Davidson College		Wolpert, Samuel Albert B.S. 1950, University of Maryland	Md.
A.M. 1941, University of North Carolina		Wolson, Stanley William B.S. 1948, Pennsylvania State College	N.Y.
L.I.B. 1945, The George Washington University		Womack, Herman Lynn A.B. 1949, The George Washington University	Miss.
Wolterspoon, Fred Lee, Jr. B.S. in M.E. 1941, University of Maryland	Md.	Womble, Ira Strickland, Jr.	Ga.
Wolfe, Eugene A.B. 1951, The George Washington University	D.C.	Womeldorf, George Raymond, Jr.	Va.
		Wondra, Leo James	D.C.
		Wong, Hsin Ping	D.C.
		Wong, James Aubrey	D.C.



Wong, Wing	D.C.	Worden, Dwight Geer	N.Y.
LL.B. 1949, The George Washington University		A.B. 1950, The George Washington University	
Wood, Basil Alexander, Jr.	Va.	Worden, Yvonne Innes	D.C.
A.B. 1948, University of North Carolina		Workinger, George Samuel	Md.
Wood, Carolyn Diana	Md.	A.B. 1951, The George Washington University	D.C.
Wood, Cora B.	Md.	Worley, Barbara Anne	Pa.
Wood, Harry Eugene	S.C.	Worley, Francis	
Wood, Jack Denman	Md.	A.B. 1938, Pennsylvania State College	
A.B. 1950, University of Maryland		LL.B. 1941, Dickinson College	Okla.
Wood, Jack Guy	D.C.	Woronoff, Leonard	D.C.
Wood, John Fred	N.C.	Worth, Francis Reid Williams	Md.
Wood, Julia Burton	D.C.	B.S. 1937, United States Naval Academy	
Wood, Lloyd Fuller	Va.	Worthington, Georgia Millicent	D.C.
Wood, Margaret Jones	Va.	Worthington, John Taliaferro, Jr.	Va.
Wood, Marion Blanche	Colo.	Worthington, David Morris	Md.
A.B. 1946, University of Colorado		A.B. 1948, The George Washington University	
M.S. 1948, University of Minnesota		Wray, Charles Donald	Va.
Wood, Robert Lee	Ill.	Wray, James Laban	D.C.
Wood, Sally Evelyn	D.C.	Wren, Donald George	Md.
Wood, Shirley Merriwether	D.C.	Wren, Edgar Alban	Pa.
A.B. 1948, Bryn Mawr College		A.B. 1917, University of Scranton	
Wood, Stella Draper	Ind.	LL.B. 1948, Georgetown University	D.C.
Wood, Thomas Bennett	Tex.	Wright, Albert Fred	Va.
Wood, William Joseph, Jr.	Mass.	Wright, Berkeley	Pa.
B.S. 1940, American University		Wright, Clifton Woodrow	
Woodall, Diana Dorothy	Va.	Wright, Dale Alan	
Woodard, Calvin	N.C.	B.S. 1948, Carnegie Institute of Technology	La.
A.B. 1949, University of North Carolina		Wright, Dalton Houston	
Woodard, Geoffrey Dean Leroy	Va.	B.S. 1940, Louisiana College	
B.S. 1950, The George Washington University		A.M. 1948, The George Washington University	Va.
Woodard, Joseph Harold	Md.	Wright, David Wellington	Va.
Wooddell, George Preston	Fla.	Wright, Elizabeth Truman	
A.B. 1948, The George Washington University		A.B. 1950, Allegheny College	D.C.
Woodhull, John Hawley	N.Y.	Wright, Flor Alma	D.C.
B.S. in E.E. 1943, Tufts College		Wright, Frederick Grant, Jr.	D.C.
Woodman, Philip Colby	N.H.	Wright, Harold Malcolm	D.C.
Woodmansee, Charles H.	Md.	Wright, John Grant	
Woodring, Anne Owen	D.C.	A.B. 1940, Southern Methodist University	Ill.
Woodruff, Joseph Alexander	Md.	Wright, Katherine Louise	Pa.
Woodrum, Alma Lee	Va.	A.B. 1946, De Pauw University	
Woods, Elmer Charles	Va.	Wright, Leonard Townsend	
A.B. 1939, University of Chicago		B.S. 1948, M.B.A. 1949, Syracuse University	N.Y.
Woods, Harlan Le Roy	N.Y.	Wright, Robert Clifford	Va.
Woods, Harold Dean	Mich.	Wright, Stuyvesant Bayard	Md.
Woods, Raymond DeHaven	Va.	Wright, Talbot M.	D.C.
Woods, Robert Ora	Calif.	Wright, Virginia Lucille	Pa.
Woodside, Byron Crosby	Va.	Wroth, Ralph Lane	
Woodson, Joseph Bernd	Ga.	A.B. 1947, Kenyon College	Wash.
B.S. 1944, Swarthmore College		Wuesthoff, Clifton Harold	
Woodward, Albert Young	Calif.	A.B. 1950, State College of Washington	Ind.
A.B. 1912, University of Mississippi		Wurz, Nelson Hugh	D.C.
Woody, Ronald Harlan	Va.	Wyatt, Thomas Frederick	D.C.
Woody, William Sterling	Va.	Wyche, Benjamin Walker III	Va.
Woolard, Alice Deal	N.C.	B.S. 1943, Virginia Polytechnic Institute	
Wooldrige, William Abbott	Va.	Wycherley, Herbert Alan	N.Y.
Woolf, Bertie Harold Reginald	D.C.	A.B. 1936, A.M. 1938, University of Pennsylvania	Md.
Woolf, Evelyn Rebecca	D.C.	Wyckoff, Donald Latham	
Woolley, Ruth Conant	R.I.	Wyckoff, Mary Margaret	
Woolis, William	Va.	A.B. 1934, University of Wisconsin	
Woolwine, Mary Catherine	Tenn.		
Wooten, Claude	Tex.		
A.B. 1942, Sam Houston State Teachers College			
M.I.A. 1948, Columbia University			
Wootley, David H.	Md.		
B.S. 1949, University of Pittsburgh			
Worcester, Richard Gray	England		

Students Registered

567

Wydro, John William	Ohio	Yim, William Harry	Hawaii
Wylie, John Worthington	D.C.	A.B. 1949, University of Hawaii	
Wyman, Charles Malcolm	Mass.	Yoakum, Cellis Marie	W. Va.
Wyman, George Joseph	Mass.	Yochelson, Aaron	D.C.
Wymore, Max Lea	Kans.	Yocum, Myron Clair, Jr.	Pa.
B.S. in Ch.E. 1947, University of Kansas		Yodanza, Joseph	Pa.
Wynkoop, Jeanne Simonds	D.C.	York, Edgar Duane	Md.
Wynne, Richard Greeley	Va.	York, Emil Conrad	Pa.
B.E. 1945, Yale University		York, Jack	Ill.
LL.B. 1948, Georgetown University		York, Ody D.	Tex.
Wythe, Zoe	D.C.	York, Robert Lamar	D.C.
A.B. 1937, The George Washington University		York, Warren Monroe, Jr.	D.C.
Wyvill, Mildred Ellen	D.C.	Yorby, Robert Bell	Nev.
		A.B. 1950, University of Nevada	
Y		Yoshioka, Pauline Kitsase	D.C.
Yadoo, Elias Perfecto	Hawaii	Yossundara, Suparb-Kansananda	D.C.
A.B. 1949, University of Hawaii		B.S. 1942, University of Birmingham	
Yager, David Eugene	Va.	Yost, Lenna Lee	Va.
Yager, Mary Alice	Va.	Yost, William Adams	D.C.
B.S. 1949, Mary Washington College		Young, Agnes Jane	Ark.
Yagerhofer, Fred Charles	D.C.	Young, Arthur Hudson	Hawaii
Yalike, Donald Ray	Iowa	Young, Benjamin Wallace	La.
Yalom, Irvin David	D.C.	B.S. 1948, Louisiana State University	
Yalom, Isador David	Md.	Young, Boots	Fla.
B.S. 1948, The George Washington University		Young, Charles Edward	Pa.
Yalom, Ruth	D.C.	Young, Craig Albertus	W. Va.
Yamada, Shizuo	Md.	Young, David	N.Y.
Yanaka, Albert	Pa.	B.M.E. 1949, Cooper Union	Mass.
A.B. 1950, Antioch College		Young, Donald Eugene	
Yann, Chen Sheng	D.C.	B.S. 1951, Boston University	
Yannella, Anthony	Pa.	Young, Edward Everett	D.C.
Yanniello, William Gerald	D.C.	Young, Edward William	Va.
Yarbrough, Herbert Almon	Va.	B.E.E. 1942, University of Detroit	
Yarbro, Joseph Benjamin III	N.J.	Young, George Wesley, Jr.	Md.
Yarmolinsky, Harriet	Md.	Young, Irene Bennett	Va.
Yarnall, Sarah Little	D.C.	A.B. 1930, College of William and Mary	
A.B. 1948, Mount Holyoke College	D.C.	Young, James W.	N.M.
Yates, Maude Marie	D.C.	B.S. 1949, New Mexico College of Agriculture and Mechanic Arts	
Yates, Samuel	D.C.	Young, John Henry III	D.C.
Yates, William Avery, Jr.	Va.	A.B. 1950, Washington and Lee University	
Yatteau, John Allan	Ga.	Young, John Thomas	Maine
A.B. 1948, Columbia University	Va.	A.B. 1950, University of Maine	
Yavenger, Burton	N.J.	Young, Khatmine Hudson	Va.
Yaver, Irene Elizabeth	D.C.	Young, Marguerite Gartin	Md.
A.B. 1949, University of California	Va.	A.B. 1938, Randolph-Macon Woman's College	
Yeaman, Mary Ann	D.C.	Young, Marguerite Louise	Ill.
Yeaman, Jane Blair	D.C.	A.B. 1942, A.M. 1943, University of Wisconsin	
Yelchick, John Joseph	Pa.	Young, Mary Catherine	Okla.
Yelchick, Michael Aloysius	Conn.	Young, Norma Elizabeth	D.C.
Yee, L. neoh Gin Sing	Ohio	Young, Norma Helen	D.C.
Yee, Richard Hong	D.C.	Young, Norma Jean	Kans.
B.E.E. 1951, The George Washington University		Young, Olive Emily	N.Y.
Yee, William	D.C.	A.B. 1920, A.M. 1930, University of Rochester	
Yee, Yehuda	Israel	Li. B. 1949, The George Washington University	
Yellett, Felix Fas	Tex.	Young, Regina M.	Ohio
A.B. 1942, University of Texas		B.S. 1929, Ohio State University	
Yee, Philip Brand	Va.	A.M. 1945, The George Washington University	
A.B. 1947, University of Arizona		Young, Robert	D.C.
Yenikomahat, Shushan	Mass.	A.B. 1948, The George Washington University	
Yee, John George	Pa.	Young, Robert Stanley	Va.
B.E. in E.E. 1934, Drexel Institute of Technology		Young, Sidney John, Jr.	D.C.
B.S. 1950, The George Washington University		Young, William Harold	Md.
		Youngblood, Ernest Isley	D.C.

Youngblood, William Evan	Va.	Zickert, Lloyd Lynn	hld.
A.B. 1950, Pennsylvania State College		B.S. in M.E. 1950, Purdue University	Nebr.
Younger, Edward Francis, Jr.	Md.	Ziegler, Alberta Bailey	
Youngman, Wilbur Hughes, Jr.	Calif.	A.B. 1949, Municipal University of Omaha	N.J.
A.B. 1950, The George Washington University		Ziegler, Herman Joseph	Va.
Youngs, Joseph Patrick	D.C.	Ziegler, Levern Lanois	D.C.
A.B. 1947, University of Miami		Ziegler, Norman Gene	Wis.
A.M. 1948, Gallaudet College		Ziehl, Rolland Charles	Md.
Younker, Laura	D.C.	Ziehl, Wilbur H.	
Yount, Isabelle Henkel	D.C.	A.B. 1950, The George Washington University	D.C.
B.S. 1939, Wilson Teachers College		Zigmond, Faye	Va.
Yount, Joseph Herman, Jr.	Ohio	Zimmer, Arthur Robert	
A.B. 1950, Oberlin College		A.B. 1951, American University	D.C.
Yowell, Earl Reddish	Va.	Zimmer, Culver Frain	Va.
B.S. 1949, The George Washington University		Zimmerman, Carl Vance	Pa.
Yowell, Eunice Ines	D.C.	Zimmerman, Edward Thomas	Va.
Yuan, Cheng	China	A.B. 1950, St. Vincent College	Va.
Yuhas, Olga	N.J.	Zimmerman, Harry Challant	Va.
Yuill, Charles Walter, Jr.	D.C.	Zimmerman, J. Howard McCord	D.C.
Yurcesen, Marcella Margaret	D.C.	Zimmerman, Mary Katherine	Va.
Ed.B. 1940, Illinois State University		Zimmerman, William	
		A.B. 1950, The George Washington University	Va.
		Zimmerman, William Emily	Ga.
Zabiegalski, Anthony, Jr.	Pa.	Zink, William Talbott	
A.B. 1949, Bucknell University		B.S. 1953, United States Naval Academy	D.C.
Zabitsky, Mae Lucretia	D.C.	Zinkle, Pauline	Mass.
Zacha, George William	Calif.	Zisk, Stanley Joseph	
Zachary, Richard Eugene	D.C.	B.S. 1949, Georgetown University	D.C.
Zajac, Mary Louise	D.C.	Zitomer, Joseph	Md.
Zakarian, Aram	Va.	Zittrouer, Nelson Fenley, Jr.	Conn.
Zamansky, Eleanor Belle	D.C.	Zoarski, Howard Francis	
Zamansky, Paula Elaine	D.C.	B.S. 1950, University of Maryland	Md.
Zanelli, Alfred	N.Y.	Zebroaky, Georgia Irene Hale	Pa.
A.B. 1950, The George Washington University		B.S. 1950, Indiana University	Tenn.
Zanoff, Raymond David	D.C.	Zolyak, John	
Zapl, Marjorie Alice	D.C.	Zook, Benjamin Martin	N.Y.
Zapl, Thomas Lane	D.C.	A.B. 1949, Harvard University	
Zarbock, Laura Belle	D.C.	Zorn, Otto Godfrey	
Zaroff, Lawrence Irving	D.C.	A.B. 1950, The George Washington University	Pa.
Zarpas, Theodore N.	D.C.	Zubeck, John Thomas	
Zayas, Edison Vladimiro	Md.	A.B. 1951, The George Washington University	Pa.
Zazetski, Henry Bernard	D.C.	Zubeck, Theresa	D.C.
A.B. 1949, Pennsylvania State College		Zubieta, Hernando	N.Y.
Zbel, Eva Griffing	Pa.	Zucker, Bertram	D.C.
Zbiac, Wanda Antoinette	Pa.	Zucker, Harold Scheff	Va.
A.B. 1946, Bethany College		Zucker, Morton David	D.C.
Zbylut, Chester Anthony	Ill.	Zuckerman, Martin Jay	D.C.
A.B. 1950, De Paul University		Zuckerman, Joan M.	D.C.
Zedekar, Stanley Lee	D.C.	Zugel, Francis Kopp	D.C.
Zeh, Billy Reid	Va.	Zugel, Mary Jean	D.C.
Zeidwer, Philip Max	N.Y.	Zuke, Walter	Ill.
Zeigler, Joanna Elizabeth	Va.	B.S. 1938, Albright College	
Zelaska, Ralph Rudolph	Va.	Zukor, Joseph	Mass.
B.S. 1940, The George Washington University		A.B. 1948, Stanford University	D.C.
Zell, John Durell	Md.	Zulieve, Adele Esther	
Zembrzski, Eleanor Marie	Va.	Zuppas, Simos	Ill.
Zemer, Edna Grace	D.C.	L.L.B. 1938, University of Athens, Greece	D.C.
Zemmer, Harold Maurice	Calif.	Zurad, Bruno Hyacinth	D.C.
B.S. 1927, United States Naval Academy		Zurawel, Henry Joseph	N.H.
Zenith, James E.	Va.	Zuver, Angela Emily Vanderbilt	
A.B. 1949, University of Cincinnati		Zyak, John Joseph	
Zena, Robert Wilhenry	D.C.	A.B. 1949, The George Washington University	
Zervakos, Straty	Md.		
Zevin, Albert	Md.		



# STUDENTS REGISTERED IN COLLEGE OF GENERAL STUDIES

Abelson, Olivia Israel	Va.	Beam, George Marlowe	Va.
Acker, William Francis	D.C.	Beasley, Paul L.	Md.
Adam, Ralph Henry	Va.	Beck, Fern Barber	Va.
Adams, Arthur Harvey	Md.	Beeler, Lyle Lee	Ill.
Adams, Barbara Winn	D.C.	Beeg, Charles Forsyth	Va.
Addison, George Henry	N.Y.	Beltz, Russell Charles	Md.
Ahlstrom, Elena Josephine	Va.	Benech, Sarah	D.C.
Ahlstrom, John Dillingham	Va.	Bender, Robert Aiken	Md.
Alexander, A. John	Va.	Benjamin, Gilbert Giddings	Md.
Alexander, Grace Ritchie	D.C.	Benjamin, Gladys Irene	D.C.
Alexander, Theodore Sigmund	Md.	Benson, Fred	D.C.
Allen, Harry, Jr.	Md.	Beresford, Harry Edward	Va.
Allen, Lawrence	Ohio	Bergesen, Becky	D.C.
Allen, Vera Irene	D.C.	Berky, Radford John	D.C.
Anderson, Forest Berkley	Ky.	Berman, Irving L.	Md.
Anderson, Edward	Va.	Bess, James Opden	D.C.
Anderson, James H.	D.C.	Betts, Signe Marie	Va.
Anderson, Mary K.	D.C.	Bigger, Joseph	Md.
Andrew, Louise B.	D.C.	Billack, Bernard Edward	Md.
Andrew, Warren M.	D.C.	Billman, Kathryn Luella	Mass.
Andrews, Barbara P.	D.C.	Binder, Jack William	D.C.
Angelick, Julius	Md.	Blake, John C.	N.Y.
Arhan, Usman Ahmad	India	Blalack, Joan Campbell	Md.
Arglewicz, Edward	N.Y.	Blank, Eleanor R.	D.C.
Asher, Norman John	D.C.	Blank, Roy G.	D.C.
Ashford, William Henry, Jr.	Md.	Blevins, Robert Randolph	Md.
Atkins, Jones, Jr.	D.C.	Blier, Marie R. A.	D.C.
Atwell, Jane Elizabeth	Va.	Blythe, Irene T.	D.C.
Atwell, William Layton	D.C.	Bloom, William Fairweather	D.C.
Atwood, Joyce	Va.	Boehm, Frederick William	D.C.
Austen, Helen Hope	D.C.	Bogart, Richard Dwane	D.C.
Austin, James Raymond	D.C.	Bogel, Norman Spencer	Md.
Avatier, Marilyn Winifred	Va.	Bolwell, Adelina Russell	Md.
Avanti, Lydia Corliss	Va.	Boone, Marjorie Anne	D.C.
Badger, John William	D.C.	Booth, Melba	Va.
Baker, William Charles	Md.	Borchi, Angelo Vincent	D.C.
Baker, Nancy Hamilton	D.C.	Bouchard, Richard A.	Va.
Baker, Dix Mae	D.C.	Boudreau, Claude P.	Va.
Baker, Martha Elizabeth	Va.	Bourgea, Ronald James	Md.
Baldwin, Sarah Sugar	D.C.	Bower, Vincent Edward	D.C.
Baldwin, Louise A.	D.C.	Bowles, Goldie	Tex.
Balkens, Barbara Ernestine	Md.	Bowman, Erna H.	Md.
Bannister, Lela Maria	D.C.	Bowron, Harold Alfred	Md.
Barbata, Joseph Michael	D.C.	Boxrucker, Arthur Edward	Va.
Barley, Jack Kimball	Fla.	Boyce, James Warren	D.C.
Barley, Lucien Edward	Md.	Boyer, Patricia MacDonald	D.C.
Barney, Donald William	D.C.	Boyle, Edward Joseph	Ill.
Barrett, Maurice R.	D.C.	Boyle, Leonard Orsigno	Md.
Barolet, John Alfred	Md.	Bracken, Anna Engle	D.C.
Baronak, Anita Marie	Md.	Braden, Audrey Turner	Md.
Barz, Dorothy H.	Md.	Brandenburg, Elise Ann	D.C.
Barr, Ellen Irene	D.C.	Brasher, Virgil Ray	Md.
Barr, James Vance	Va.	Breslin, Peter J.	Va.
Barton, Betty	D.C.	Bride, Patricia Benton	D.C.
Barton, Donald Edward	Va.	Bridge, Rosemary Byron	Md.
Barton, Virginia Sewell	Ohio	Briggs, Sarah Jenkins	D.C.
Barton, Aida Brubaker	Md.	Brinckerhoff, Marguerite H.	D.C.
Baxter, Ronald Paul	Md.	Brinckerhoff, William Weeks	D.C.
Baxter, Dorothy Belle	Pa.	Brodmerkel, Alexander H.	D.C.
Bailes, Eleanor Fowler	Md.	Brolinick, Joseph Thomas	Pa.
Baile, Harriet Adele	Va.	Brooks, Bond Strevve	Md.
Baile, Walter Lewis	N.Y.	Brooks, George C.	Md.
Baile, Margaret D.	D.C.	Brown, Barbara Ann	D.C.
		Brown, Bobby D.	D.C.

Brown, Euna Crawford	D.C.	Clark, Nancy H.
Brown, George Samuel	Md.	Clark, William Tarman
Brown, Hazel	D.C.	Clarke, Benjamin Brown, Jr.
Brown, James D.	D.C.	Clarke, Polly S.
Brown, John Lee	D.C.	Clayton, Janet M.
Brown, Marion Rosalie	Md.	Clement, Jack Henderson
Brown, Ruth Scott	Md.	Cline, Warren Frank
Brozovich, Mathew William	Va.	Coadv. Charles Cromer
Brunhouse, Helen Faust	D.C.	Cobb, Frederick Milton, Jr.
Bruns, Nicolaus	D.C.	Cochran, Dee S.
Brunaban, Norman Joseph	D.C.	Cockerill, Lula Bray
Bub, Robert Charles	D.C.	Colcaire, Myrtle
Buck, Marvin Haslup	D.C.	Colla, Mary A.
Buckley, Joseph Anthony	Md.	Collinge, Alfred E. A., Jr.
Budd, Ronald Irvin	D.C.	Compton, Earl Richard
Budkovsky, Erazme Kazimir	Va.	Conklin, David Eugene
Budzianowski, Stephen	Va.	Connolly, Patrick James
Buffalohide, Homer Joe, Jr.	Va.	Connolly, Peter Joseph
Bunge, Eugene Edward	Md.	Connor, Grace League
Burch, Elisabeth Bruncke	Va.	Convery, Patrick Hugh
Burgess, William Reginald	Md.	Conway, Claire McCann
Burke, Thomas G.	D.C.	Cook, Eugene Glynn
Burlack, Eda	D.C.	Cook, Leland A.
Burnett, Gerald Orley	Md.	Cooke, Harry Aidan
Burnham, Theresa Frances	Va.	Cooper, Erma
Butcher, Patricia Roulo	Va.	Cooper, Ruffin R., Jr.
Butler, James W.	D.C.	Copenhauer, Raymond Grant
Butz, Charles Wesley	Md.	Corbin, Samuel Edward
Byrd, Billy Duane	Va.	Corey, Claire Cranmer
Cady, Alice Lee	Va.	Corey, Will Herbert
Cajigas, Paul A.	D.C.	Cornell, Winston F.
Callcott, Ora	Va.	Cornforth, Charles W.
Callimahos, Helen Sweet	Va.	Corridon, Geraldine Antoinette
Callimahos, Lambros Demetrios	Va.	Corson, Elizabeth Wallace
Calogerakis, Michael, Jr.	Md.	Coughlan, Maureen Anne
Camberg, Edna Emma	S.D.	Coyle, Donal Kennedy
Cammer, Margaret Ann	D.C.	Crawley, Margaret F.
Campbell, Charles Edward	Va.	Crisler, Margaret Cheaney
Campbell, Herbert Edwin	Md.	Crisp, Arthur, Jr.
Canals, Josephine	D.C.	Criswell, Joan H.
Caunata, Joseph Frank	D.C.	Crockett, Mildred F.
Castrell, Kathryn Hutchison	D.C.	Crockett, Edna Brooks
Capet, Albert Gordon	D.C.	Croman, William Keith
Capet, Gertrude	D.C.	Cronenwett, Wilson Robertson
Caporale, John	D.C.	Croston, Doris Zumhagen
Carbajal, Joseph John	La.	Crowell, Stewart Preston, Jr.
Cardozo, Alice C.	Va.	Crumly, Harold Jesse
Carl, Virginia Halbert	Va.	Cuebas, Louis
Carlos, William	Va.	Culhane, John Joseph
Carlson, John Edward	Va.	Cunningham, Helen Elizabeth
Carlson, Mayme Jeanette	Va.	Cunningham, William Poling
Carney, Arthur William	Va.	Curley, Mary Virginia
Carnick, M. Lawrence	D.C.	Curran, Eleanor Gayle
Carstater, Marie Helwig	Va.	Curry, James H.
Carter, Lionel Turner	Va.	Cushing, Darlene Sigrist
Carter, Robert Edward	Va.	Daiker, Barbara Virginia
Carver, Mezelle W.	Va.	Dalton, Jonas Monroe
Cary, Emmet	D.C.	Daniels, Fred Gillett
Cary, Harry Monfort	Va.	Dattilo, August John
Cash, Lillian C.	D.C.	Davenport, Wilbur Randall
Caufield, Berta Smith	Va.	Davidson, Eugene Francis
Chambers, Willard Edward	Va.	Davis, Ruth Bryan
Chan, Frank Harry	Va.	Davis, Alice S.
Chapman, Huey Raymond	D.C.	Davis, Claude Ellis
Charles, Edward Timothy	D.C.	Davis, Donald Martin
Charnes, Leah	Va.	Davis, Dora Alice
Chase, Robert T., Jr.	D.C.	Davis, Edith M.
Chesser, Ralph Howard	Md.	Davis, Elanora Burch
Chinnoek, Kenneth Malcolm	Md.	Davis, Evelyn Smalling
Chownes, William H. P.	D.C.	Davis, M. Margaret
Cicala, L. June	Md.	Davis, Richard Hale
Clark, Elmer B.	Md.	Davis, Thomas McParlin

### Students Registered

571

David, Winston McStuart	D.C.	Edwards, Harry Neal	Md.
Davison, Clarence Clarke	D.C.	Egan, William Michael	D.C.
Day, Ruth Boyce	D.C.	Eisenhart, Mabel Brodie	D.C.
Deal, Arlene Larilla	Md.	Eisnangle, David Carl	Md.
Dean, Betty Pearl	Md.	Elam, Edward Stanley	Md.
Dear, Frances Brook	D.C.	Ellis, Alice Cushman	Va.
Dearth, Stanley Eugene	D.C.	Ellis, Caroline B.	D.C.
Dedert, Jack Charles	D.C.	Ellis, Dewey Allen	Md.
Dedert, Jean Harriet	D.C.	Ellis, Frances Ann	Va.
Deedrickson, Lorin Ross	Md.	Ellison, Hugh	D.C.
Deering, Lawrence S.	Va.	Ellison, William Taylor	Va.
Delner, Edward A.	D.C.	Elston, Margaret E.	D.C.
Delaney, Margaret Rita	Md.	Elv, Samuel Jones, Jr.	Va.
Delaney, William Henry	D.C.	Embrey, Lemuel Jackson	Va.
Delera, Frederick Arthur	Md.	Erbaugh, John Kantz	D.C.
Delehanty, Hazel Ottilie	Va.	Erckson, Elizabeth N.	D.C.
DeLo, Elsie Muriel	D.C.	Estell, Robert Gee	Md.
Deusford, Gladys Cass	Md.	Embark, Elizabeth Dunn	Va.
DeJans, Bogdan Joseph	Va.	Evans, Brian Asher	D.C.
DeJardins, Lois Helen	Va.	Evans, David Elijah	Md.
DeSosa, James Albert	Va.	Fadely, Ruth Chesley	Va.
DeWitt, John Thomas	Va.	Faesuh, Rebecca	Md.
Diamond, Gerald	D.C.	Fahland, Mary Evangeline	Md.
Dike, Thomas Murray, Jr.	Md.	Fair, Edna I.	Va.
Dickson, John Wesley	Ark.	Falla, Joseph Anthony	D.C.
Dietz, Betty Elaine	D.C.	Faumer, Harry John	Md.
Dillaway, Ida Clark	Md.	Faurot, George Wesley	Va.
Dille, Luther L. L.	D.C.	Fautsch, Bill Mathias	Ill.
Dillon, Barbara Joy	Md.	Fera, Joseph Richard	Va.
Dixon, Robert Ellington	Va.	Ferguson, Ann Marie	D.C.
Dodge, Susan M.	Md.	Ferguson, Katherine McAllister	Va.
Dolan, William Henry	Va.	Fields, James Clinton	Md.
Domes, Susan Maxwell	Va.	Filkins, Maurice W.	D.C.
Dome, Mary A.	D.C.	Finke, Louise Audrey	D.C.
Dor, June, Arnold Roger	Va.	Fisher, Jackson Lee	Md.
Doraine, Ellen Nancy	D.C.	Fitzpatrick, Don, Ed Louis	D.C.
Doraine, Joseph Kenneth	Md.	Flach, Maurice Elliott	D.C.
Doraine, Joseph Paul	D.C.	Flack, Herton Thomas	D.C.
Dorsey, James Austrell	D.C.	Fleasner, Mildred Pauline	Md.
Dorsey, Arnold Dean	Va.	Fleming, Allan Foster	Md.
Dorsey, Mary Culklin	Md.	Fleming, Florence Jeanette	Va.
Dove, Roland Henry	Md.	Fletcher, George Arlen	D.C.
Dove, Edwin Turner	Va.	Flood, Patrick Joseph	D.C.
Dove, Rosa Gloria	D.C.	Foxes, Grosswald	D.C.
Dowle, Wayne Lewis	D.C.	Ford, Ralph Lawrence	D.C.
Dove, Griffith Baringer	D.C.	Forest, Anna D.	Va.
Dove, William P.	Md.	Fortin, Maurice Stephen	Md.
Dove, Daniel Michael	D.C.	Fortino, Mary	Md.
Dresser, Dorothy	D.C.	Foster, Paulette Jean	Md.
Dresser, Frederick John	Va.	Fountain, Bonny S.	Va.
Dresser, Emily Claire	D.C.	Fontz, William Carlyle	Md.
Druy, Florence	D.C.	Fox, Beverly Janet	D.C.
Dubin, Morris Edward	D.C.	Foxgrover, Delores Mae	Md.
Duffy, Gerald Amand	D.C.	Frankie, Amel Weiser	D.C.
Duffy, Anne Leah	D.C.	Franklin, Beatrice	Va.
Duffy, Gladys Elizabeth	Md.	Fraser, Burnett Merritt, Jr.	Md.
Duffy, Mary Margaret	Md.	Frazier, Broadway G.	Va.
Duffy, Aline	D.C.	Frazier, Forrest Livingston	Va.
Dunk, Henry Dominick	D.C.	Freitas, Raymond Francis	Md.
Dyer, Fred C.	Md.	French, Betty C.	Md.
Dyson, John K.	Md.	French, Paul Hills	D.C.
Eaton, May Shipley	Md.	Frostheim, Norman Paul	D.C.
Eben, Nola	D.C.	Frye, Edward D.	Va.
Eble, Blanche Tryon	Md.	Frye, Elizabeth Richardson	Md.
Eble, Frank X. A.	D.C.	Fuchs, Sally	Va.
Eckert, James Bernard	D.C.	Futcher, Wesley Calvin	Va.
Eckley, Edgar Harold	D.C.	Futcher, John Paul	Va.
Edgerton, John D.	Va.	Fuzess, William Russell	Md.
	D.C.	Furstringer, Mary	Va.
		Fussell, Loretta F.	Md.
		Gadberry, Roy K.	D.C.



Gannon, John Joseph	Va.	Grieko, Francis James	Va.
Garan, Edward Michael	D.C.	Groff, Charles Amos	D.C.
Garcia, Bessie Reita	Md.	Grossman, Carmen	Va.
Gardner, Edith May	D.C.	Gruft, James	Va.
Garner, J. D.	D.C.	Gryder, Robert	Va.
Garrahan, Norman	D.C.	Guild, Henley L.	Md.
Garrett, Walter Martin James	Va.	Habig, Phyllis Teresa	D.C.
Gart, Richard Charles	D.C.	Hachten, Harriet Staples	Md.
Garver, Lillie May	Va.	Hack, George James	Md.
Garvin, Clifton Canter	D.C.	Hagen, Howard Elton	Va.
Gassett, Earl Dykes	D.C.	Hague, John D.	Va.
Gates, Christobel Ruth	Va.	Hague, Priscilla Redgrave	D.C.
Gelby, Walter Henry	D.C.	Hahn, Clara Marie	D.C.
Gentry, Merle Allen	D.C.	Hahn, John Claus	D.C.
Geary, Clayton Henry	Va.	Hall, Edward T.	D.C.
Geran, Ruth I.	Va.	Hall, Beth Hiley	D.C.
Gerson, Elaine	D.C.	Haller, Frances C.	D.C.
Gervet, William Edgar	Va.	Hambleton, James Emmett	D.C.
Gibbons, Maybelle Elizabeth	Md.	Hamer, Helen	D.C.
Gibbs, Albert Charles	Va.	Hamilton, Elizabeth	Va.
Gibbs, Elizabeth Dill	D.C.	Hammerly, Amelia D.	D.C.
Gibson, James F.	Va.	Hammond, Broadus Jeter	Va.
Gilbert, Huntington Kerr	Va.	Hamstra, D. Myra	Pa.
Gilcreast, William Joseph	Va.	Hand, Judson Larrabee	D.C.
Gill, Hannah Saunders	Va.	Haney, Blanche E.	Va.
Gill, Robert Ledman	Md.	Hansen, Ruth L.	Md.
Gill, Ruth Sevon	D.C.	Hansen, Wendell Dean	Va.
Giller, Edward Bonfoy	Va.	Hardy, Rose A.	Md.
Gillespie, Esther	D.C.	Hargey, Stanley George	Md.
Gilliam, Bernard Joseph	D.C.	Harlow, Elizabeth G.	Va.
Gillum, Eloise D.	Va.	Harmon, Avis D.	Va.
Gilmer, Virginia Dawson	Va.	Harnois, Margaret Lucille Anno	D.C.
Gimbel, Robert Henry	Md.	Harper, Dora Aline	Va.
Gipe, James Russell	D.C.	Harper, Lemuel L., Jr.	D.C.
Girompiny, Leroy Henry	Md.	Harrell, Irving Jackson, Jr.	D.C.
Gitter, Lena L.	D.C.	Harris, Anne	Md.
Givens, Robert Dale	D.C.	Harris, Lester Earle, Jr.	Va.
Glasser, Abraham Albert	D.C.	Harris, Marjorie Louise	D.C.
Glaser, Goodlett John	Va.	Harrison, Clara Louise	D.C.
Glendenning, Catherine Marjorie	Md.	Harsaghy, Theodore Joseph	Md.
Golforth, Hovle Nelson	Md.	Hart, Annita T.	Va.
Goldsmith, Margaret Towell	Md.	Hartlieb, Daniel George	Md.
Goldstein, Martin Niel	D.C.	Harvey, Margaret McNeil	D.C.
Goldstein, Morris Gersel	D.C.	Hathaway, Harrison R.	D.C.
Goldstein, William Boyd	D.C.	Hathaway, Henry Robb, Jr.	Md.
Gontrum, Ralph Wesley	Va.	Haury, Earl B.	Va.
Goodman, Robert Ellsworth, Jr.	D.C.	Hawkins, Bobby Gene	Va.
Gordon, George Arthur	Va.	Haves, Henry Joy, Jr.	Md.
Gorman, Ann H.	D.C.	Hawward, Edwin J.	Md.
Gorman, Gerard James	Va.	Hayward, Louise Knox	D.C.
Gottscho, Mathilde Marie	D.C.	Heddlestone, Virginia S.	D.C.
Grabarkiewicz, Donald John	Md.	Heisev, Isaac Wilbur	D.C.
Graeme, J. W.	D.C.	Helfenstein, Elsa B.	Md.
Grant, Howard Sylvester, Jr.	D.C.	Helsinger, Arthur Joseph, Jr.	D.C.
Greco, Mary A.	D.C.	Henderson, Martha Ashley	Va.
Greco, Salvatore Victor	Md.	Henderson, Mary Ann	Md.
Gredlein, Mary Elizabeth	Va.	Henderson, Morris King	D.C.
Green, David Harry	D.C.	Hendrick, Philip Thomas	Md.
Green, Gloria B.	D.C.	Henkin, Molly	Va.
Green, Harry Brown	D.C.	Heuschaw, Edmund L.	D.C.
Green, Joseph Anthony	Va.	Hepner, Jesse B.	Va.
Green, William R.	Md.	Herman, Eugene H.	D.C.
Greenwood, Richard Vaughn	D.C.	Hewett, Robert Eugene	D.C.
Gregory, James Henry	Md.	Hever, Frank Denise	D.C.
Gregory, Jane B.	D.C.	Hicks, Lurana E.	D.C.
Grier, Robert Kenneth	Va.	Hildebrand, Charles Oakley	Va.
Griffin, Hester Hyde	D.C.	Hildebrand, James Winfield	D.C.
Griffin, Robert VanDeventer	D.C.	Hill, Alfred	Md.
Griffin, Charles Stanley	Md.	Hill, James Jesse	D.C.
Griffiths, Mary	D.C.	Hill, Lenora	Va.
Griffitts, Joseph Lewis	Va.	Hill, Minnie Mosher	Va.
Grimm, Helen Magruder	Va.	Hill, Will Allen	Va.

# Students Registered

573

Hilleary, Thomas Anthony	Md.	Johnston, Helen Matthews	Va.
Hinds, Dorothy A.	D.C.	Joine, Marjorie Ann	Md.
Hinds, James Thomas	Md.	Jones, Alfred	Va.
Hinrichs, Clair Allen	Va.	Jones, Estelle Agnes	D.C.
Hisey, William Crandall	Va.	Jones, Hilda Paige	D.C.
Hoagland, Alexander Campbell, Jr.	D.C.	Jones, John Robert	D.C.
Hoagland, Andrew	Md.	Jones, Ida Marie	Md.
Hoffer, Richard Louie	Va.	Jones, Lucy VanDeusen	Va.
Hoffman, Francis Willard	Md.	Jones, Robert Franklin	D.C.
Hodgins, Elsie L.	Va.	Jones, Robert Lawton	D.C.
Hogan, Mary A.	Md.	Jordan, Florence	Md.
Hohenlahe, Franz Joseph	Va.	Jordan, John Eleanor	D.C.
Holland, Francis Beverly	Md.	Jordan, Mina B.	D.C.
Hollenbeck, Elizabeth D.	Md.	Jowett, George Frederick	D.C.
Hollis, Thomas Leopold	Va.	Kaupaloa, Betty Faye	D.C.
Hollweck, Frank Joseph	Va.	Keener, Lloyd Orville	Md.
Holt, Max Memory	D.C.	Keith, Marjorie Cook	Md.
Holway, Ellen N.	D.C.	Keith, Mary Osborne	D.C.
Hooker, Florence Johnson	Md.	Keith, Thomas H.	D.C.
Hoover, William Howard	Md.	Kelby, Elsie Flead	D.C.
Horgan, Joanne Marie	D.C.	Kelby, Adelaide	D.C.
Horn, Edith Mattison	D.C.	Kelby, Lulu Richardson	D.C.
Horn, Margaret Faulkner	Va.	Kelley, Alfred George	Md.
Horn, Robert Hartman	Va.	Kennedy, Janet	Md.
Horne, Gladys Bartlett	Md.	Kennedy, Paul Joseph	Va.
Hornor, Ethel Eileen	Va.	Kessinger, James B.	Md.
Hornsby, Julia M.	D.C.	Kester, Beryl Franklin	D.C.
Hoska, Florence Kneble	Va.	Kester, John Edwin	D.C.
Howe, Jean Herindeen	Va.	Kieffer, William Brett	Va.
Howell, Jerry Dean	D.C.	Kun, M. Rosalie	Md.
Hudson, Goy Roby	Md.	King, Evelyn McLean	D.C.
Hudson, Mary Lois	Md.	King, Jeremiah N.	D.C.
Hulstetter, Perry	Md.	King, Lillian F.	D.C.
Hulse, John William	Va.	King, Omer Dell, Jr.	Va.
Hulvey, William Newton	Md.	Kingsbery, James Pascal	D.C.
Humphreys, Elizabeth	D.C.	Kinnard, V. Rebecca	D.C.
Hunt, Luther Morris	Va.	Kimsey, Raymond Daniel	Md.
Hunt, Ozo Harold	Md.	Kinson, Henry Romane	D.C.
Hunter, Leone Clark	Va.	Kirby, Marshall M.	D.C.
Husband, Douglas Earl	D.C.	Kirchman, Arnold W.	Md.
Hustace, Floyd Fletcher	Md.	Kirk, Ruth Carolyn	D.C.
Hutchison, Blanche Beaty	D.C.	Kirk, William	D.C.
Hutchinson, Jack Bearfort	Va.	Kirkwood, Helen Harvey	Va.
Huston, Andrew Joshua, Jr.	Md.	Kitzmiller, Oden Lester	Va.
Huston, William Loyd	D.C.	Klamer, George F.	Va.
Idelson, George	Md.	Klein, Charles Nicholas	Va.
Idelhart, Donald H.	D.C.	Kline, Arlington Nies	Md.
Ilitis, Theodore J.	D.C.	Klueth, Paul Leo	Va.
Ineson, Angel Antonio	D.C.	Knuverhase, Ramon	Md.
Izard, Mary Garwood	D.C.	Knoeg, Kenneth Lee	D.C.
Jackson, Betty P.	D.C.	Knoop, Alice Buell	Md.
Jackson, William Pride	D.C.	Knowles, Kenneth Kendal	Md.
Jacobi, George R.	D.C.	Knox, Elizabeth Laura	Md.
Jacobson, Jeanette E.	Va.	Kodrik, Anthony	Md.
Jacobsen, Jerome	D.C.	Koenig, Marcelle C.	Va.
Jacobsen, Elwin Leroy	D.C.	Kolakowski, Roman	D.C.
Jaffe, Annabelle S.	Md.	Konff, Alice Graeme	Va.
James, Joseph Anthony	D.C.	Kornacki, Florence Gertrude	D.C.
James, Virginia H.	D.C.	Kramar, Nada	D.C.
Jamerson, Elizabeth Cecelia	D.C.	Kraus, Wallace	D.C.
Jandineur, Harold Edward	Md.	Kuener, Allan Todd	Md.
Jederek, Joseph Paul	D.C.	Kushner, Meyer G.	D.C.
Jefferson, Francis William	Md.	Lavey, Wilma Garner	Va.
Jefferson, Frederica Young	D.C.	Layo, Ferdinand	D.C.
Jennison, Nancy	D.C.	LaMar, Jean Louis Paul	Md.
Jennings, Margaret	D.C.	Landen, Elliott Andrew	D.C.
Johnson, Eugene G.	D.C.	Landes, Melvin Bowman	Va.
Johnson, Myron McGowan	D.C.	Lang, Antonetta Padula	D.C.
Johnson, Myrtle Marie	Md.	Lanier, Glenn David	Md.
Johnson, Norine O'Neill	D.C.	Lankford, Gladys Webb	D.C.
Johnson, Paul Core	Md.	Laupher, Henry Coe	Va.
Johnston, Helen Louise	D.C.	LaRosa, Julius	D.C.

Larson, Betty	D.C.	Marchaza, Michael George	D.C.
Lassitor, Waneta	Va.	Marcosano, Muriel	D.C.
Law, Georgia Wren	Va.	Marcus, Irving H.	Va.
Lawrence, John Craig	Md.	Marsh, Sara Savage	D.C.
Leaming, Gerald Ray	D.C.	Marshall, Mary Dorothy	D.C.
Lederer, Donald Shaw	D.C.	Martin, Norene Dann	D.C.
Lee, Dorothy V.	D.C.	Martin, Virginia Parker	Md.
Lee, Harry Alexander	Va.	Martinoff, Katherine	Va.
Leget, Peter	Md.	Mason, Paul Cunningham	D.C.
Leibovici, Betty	D.C.	Mathew, Mary Evelyn	Va.
Lemke, Paul	Md.	Mathis, Troy Davis	D.C.
Lengyel, Irene B.	Va.	Mathisen, Chris	D.C.
Lesser, Gertrude Vera	Va.	Mathisen, Mary Calhoun	D.C.
Lester, Dorothy Savannah	Md.	Mayer, Raymond Newton	D.C.
Levy, Philip	D.C.	Mayer, Robert Randell	D.C.
Lewis, Donald	Md.	Mayo, Joseph Michael	D.C.
Lewis, James Berton	Md.	Mazur, Gerald	D.C.
Libman, Shirley	Va.	Mazur, Louise E.	Va.
Limberis, William Robert	Va.	McBride, Marjorie	Va.
Lincoln, Marjorie Gould	D.C.	McCabe, Gerald	ME
Lindner, Mary Josephine	Md.	McCabe, James Dennis	ME
Lindsey, Elizabeth C.	Va.	McCarty, Barbara I.	D.C.
Linehan, Daniel William	D.C.	McCarty, Owen	Va.
Linehan, Louise Wyman	Va.	McCauley, Jewell Evelyn	D.C.
Lineweaver, Charles Philip	D.C.	McCleary, Thomas John	D.C.
Lipps, Sue Kirk	Va.	McCoart, James John	Va.
Lischy, Richard M.	D.C.	McCormick, M. Louise	Va.
Liske, Frank Xavier	Md.	McCoy, Charles France	Va.
Little, Eleanor Grier	D.C.	McCoy, Kenneth Harley	Va.
Liverman, John Darris, Jr.	Md.	McCoy, Mary Jean	Va.
Lockwood, Evelyn Julia	Md.	McCoy, Victor James	Va.
Lodde, Rosemary Louise	D.C.	McCrohan, Maryann McGuffey	Va.
Loe, Myron L.	D.C.	McDaniel, Evangeline M.	Va.
Loesages, Doris M.	D.C.	McDaniel, Jewel Ethel J.	Va.
Logsdan, Dale Keith	Md.	McDuffee, Nell W.	D.C.
Long, William Charles	D.C.	McElroy, Jenny Emma	ME
Long, Wilmetta Mae	D.C.	McFarlane, Joan Graham	D.C.
Loper, deVictoria Angel Luis	Va.	McGonegal, Marie Mortimer	Md.
Lopez, Anna Crenshaw	Md.	McGrath, Robert Paul	D.C.
Lough, James Russell	Md.	McKee, Richard Grant	D.C.
Louviere, Lewis Joseph	Md.	McKee, Robert Dalton	Va.
Love, Jane Buchanan	D.C.	McKeever, Bernard Eugene	Md.
Low, Emma M.	Va.	McKenna, Matthew James	Va.
Lowman, Lucy Jane	Va.	McKenna, Raymond Edward	Va.
Lowstuter, Josephine Lorraine	Md.	McMahon, Kathryn Mary	D.C.
Lucas, Bertha Lovell	D.C.	McManus, James Leonard	Va.
Ludwig, Paul Francis	Md.	McManus, Jean	Va.
Lynch, Joseph Wilford	D.C.	McNulty, Francis Michael	Va.
Lyon, Leonard Phillips	Va.	McQuary, Flourney	Va.
Lyons, Cathryn Milhado	Md.	Mead, Francis M.	Va.
Lyons, George Henry	Md.	Mead, Mary S.	Va.
MacClinchie, Kathryn S.	Va.	Meaker, Lawton Stephen Ford	D.C.
MacDonald, Elsie Sinclair	D.C.	Mehaffey, Nathan Gere	D.C.
MacDonald, Virginia Eapy	Va.	Meisner, Sara Luise	Md.
Mackey, Dorothy Cornell	Md.	Meives, Erna Jean	D.C.
Mackey, Stanislaw	Md.	Mellick, John W.	D.C.
MacLeod, Malcolm Andrew	D.C.	Melson, Elsie Grace	Va.
Madsen, Joan Ruth	Md.	Mendoza, Estiban Jose	Va.
Mahar, Harold Wilfred	D.C.	Merrill, Aubrey Raymond	Va.
Mahorney, Florence	D.C.	Messick, Sarah Mapp	D.C.
Maia, Cosimo Edward	D.C.	Messiter, E. G.	D.C.
Maitland A. Florence	Va.	Metzgar, S. C. Foster	Va.
Malbort, Margaret W.	Md.	Milbrath, Robert William	Va.
Mallery, Clinton Blackstone	D.C.	Miley, James Barrett	D.C.
Mallinax, Harold Doyle	Md.	Miller, Ethel Wright	Va.
Manby, Peggie Davis	Md.	Miller, Frederic Henry, Jr.	Va.
Mancill, Olive Pyle	D.C.	Miller, Gladys K.	Va.
Mandel, Walter Franklin	Md.	Miller, Helen Crouch	D.C.
Mann, N. Claire	Md.	Miller, James Garvis	D.C.
Manning, Rosalie	D.C.	Miller, James Lee	Md.
Maphis, Alice Joan	Va.	Miller, Marvel Darlene	
Marbury, Fendall, Jr.	Md.	Miller, Roberta Allen	



# Students Registered

575

Miller, William Morton	D.C.	Noonan, Dennis J.	Va.
Mills, Helen Carroll	Md.	Nordan, Thomas B.	D.C.
Millsaps, Vera E.	D.C.	Nordell, Elaine A.	Va.
Milne, Robert Edward	Va.	Nordheim, Edna Fay	Va.
Minahan, Wilfred Frederick	D.C.	Norris, Audrey Blessing	Va.
Misenhimer, Martin David	Md.	Norton, Leslie Murray	D.C.
Miskell, Ella R.	Va.	Nuce, Alta Frances	Md.
Miskelly, John William	Md.	Nyberg, Ethel Rosena	D.C.
Mitchell, John	Va.	O'Brien, Joseph Francis	Md.
Moeller, William Frederick	D.C.	O'Brien, Stephen Earl	Md.
Moll, Robert Gustavus	Va.	Odle, William Harvey	Md.
Montgomery, Alexander Brooks	Va.	Oelrich, Martin Emil William	Va.
Montgomery, Eddith Ruth	D.C.	Oestel, Dorothy Margaret	Va.
Montoya, Feliciana Marthelina	Va.	Offield, David Wells	Md.
Montzka, Margaret W.	D.C.	O'Grady, John F.	D.C.
Moody, Frank Leroy	D.C.	Oldham, Ronald W.	Va.
Moore, Arthur L.	Va.	Oliver, Frederick Warren	Md.
Moore, Harry Albert, Jr.	D.C.	Oliver, Frank Thomas	D.C.
Moore, James Julius	D.C.	Oloison, Roy Willard	Va.
Moore, Thomas Wesley	Va.	Olsen, Yvonne Lenore	Md.
Moorefield, Margaret Lockwood	Va.	Olson, Robert Glenn	Va.
Moose, Lucy Ann	Va.	O'Neil, Eugene Patrick, Jr.	D.C.
Moran, James Joseph	Md.	Ord, Alta M.	D.C.
Morgan, Emma	D.C.	Osborn, Blah Traver	Va.
Morgan, Laura Lee	Va.	Osborn, Michael Faraday	Va.
Morgan, Margaret Lois	D.C.	Osborn, Robert Ambrose	Va.
Morgan, Maud Precca	D.C.	Osborne, Lillian	D.C.
Morgan, Robert Edward	Md.	Ostrich, Ralph	D.C.
Morgan, William Paul	Va.	Otero, Louis Paul	D.C.
Morpenstern, Marvin Harold	D.C.	Otten, Henry Edward	Md.
Morarity, Dean Joseph	Va.	Overstreet, Earl Wallace	D.C.
Morine, Edward Frederick	Md.	Pace, Melvin	Va.
Morris, Bert S.	Va.	Paks, Gloria	D.C.
Morris, George S.	Va.	Palmer, Richard	Va.
Morrissey, William Ronald	Md.	Palumbo, Louis, Jr.	Md.
Morrow, Charles David	Md.	Panzitta, Joseph	Md.
Morse, Ethel Bowers	Va.	Parent, Louise Kilton	D.C.
Morton, Joseph Chester	D.C.	Parker, Julia V.	D.C.
Moss, Jo Ann	Va.	Parker, William Nieman	Va.
Mount, Elizabeth	D.C.	Parks, David Paul	D.C.
Mullen, Jean Edgar	Va.	Parks, Doris Wilder	D.C.
Mount, Marvin Ambrose	D.C.	Parks, Virginia McGehee	Va.
Mrazik, Albert	Md.	Parrish, Marie F.	Md.
Mulloy, Melton Shattuck	D.C.	Parsons, Hershell Ecnoll	Va.
Munroe, Pat	D.C.	Parsons, John Allen	D.C.
Murphy, Charles Harper	Va.	Parsons, William Douglas	Va.
Murphy, Frederick Carlton	Md.	Patterson, Frank H.	D.C.
Murphy, Robert Lawrence	D.C.	Patti, Jerome Thomas	D.C.
Murray, Carson Charles	Md.	Paulson, Aaron Arill	D.C.
Murray, Mabel	D.C.	Paxton, Evelyn Badger	D.C.
Murray, Joseph Samuel II	Md.	Paxton, Martha Strayer	Va.
Myer, Lue Hamilton	D.C.	Payne, Frank Howard	Mo
Myers, Karl	Md.	Payne, Nellie A.	D.C.
Nace, William Henry	D.C.	Pearson, Donald Leroy	Md.
Near, Seymour Peter	D.C.	Pello, Daniel	Md.
Nearly, Rochester Hampton	Md.	Pembroke, Mary Schlenker	Md.
Neff, Ralph Willard	D.C.	Penland, A. Laura	Va.
Nelson, G. H.	Md.	Perenzin, Dominic Anthony	D.C.
Nelson, Herman	Va.	Perkins, Peter Raymond	D.C.
Nes, Andrew Kristian	Md.	Perkinson, Mary Thompson	Va.
New, Frances Elizabeth	D.C.	Perry, Edwin Augustus	D.C.
Newell, Esther W.	D.C.	Peterson, Beatrice Kathryn	D.C.
Newman, Simon Meier	Va.	Peterson, Frances E.	D.C.
Nichols, Carroll S.	Va.	Peterson, Helen Spivey	Va.
Nichols, Eugene Carewe	Md.	Peterson, John Robert	D.C.
Nicholson, Alexander Roderick	Md.	Peterson, Louis Mae	D.C.
Nicholson, Arthur	D.C.	Peterson, Wayne Donald	D.C.
Nicholson, Dolores Marie	Va.	Petrucelli, Domenico Jay	D.C.
Noble, Gilbert	Md.	Petty, Warren James	D.C.
Noble, Rose	Va.	Phippen, William Greely	Md.
Noble, Rosamond McArthur	Va.	Pieroli, Joseph E.	Va.
Noland, Lillian Hooks	Va.	Pierdon, Mary Armstrong	D.C.

D.C. Roberta, Nella K.  
Va. Robertson, Sidney Ira  
D.C. Robertson, Zola Payne  
Va. Robey, George Vivian  
Md. Robins, Mary Louise  
Va. Robinson, Hayes G.  
D.C. Rockwell, Nell Alexander  
Va. Roe, Joseph Hyram, Jr.  
Md. Rogers, Marie Elois  
D.C. Rogers, Neil Eugene  
D.C. Rogowski, Steve F.  
Md. Rohr, Charles Martin  
D.C. Roma, Richard Marvin  
D.C. Romine, Robert Talbot, Jr.  
D.C. Roper, Hugh Muir  
D.C. Rosales, Fidel Alexander, Jr.  
D.C. Rose, Ruth Starr  
Va. Rosecrans, John Edward  
Md. Roseman, Leonard  
D.C. Rosenber, Elizabeth M.  
D.C. Rosenber, Rosalie  
D.C. Rosenfield, Rose  
Md. Rosenthal, Joseph  
Va. Ross, Annie Ruth  
Md. Rossett, Dorothy Ann  
Va. Roth, Pete Paul  
Md. Rothenhalis, Donald  
D.C. Roumel, Theodore C.  
Md. Rountree, Robert Manning  
Md. Rouse, James  
D.C. Rowe, Carolyn White  
Md. Rowen, Georgiana  
Va. Rowland, Star Wilson  
D.C. Rozman, Elizabeth Barbara  
Va. Rucker, Isaac Jacob  
Md. Ruddy, Joseph Robert  
Va. Ruderman, Isaac  
D.C. Ruhl, Robert Fulton  
D.C. Russell, John Mott  
D.C. Russell, John William  
D.C. Ryan, Michael Joseph  
D.C. Rydholm, William  
Va. Ryle, Herbert Emerson  
D.C. Rynda, Donald James  
Va. Salmond, Duncan Scott  
D.C. Salzberg, Margaret J.  
Va. Samson, Chester Page  
D.C. Sanders, H. Edith  
Md. Sanders, Thelma M.  
Md. Sandorse, Michael  
Va. Sandy, Tirzah Mae  
D.C. Santana, Celerino  
Va. Santiago, Jose A.  
D.C. Santos, Joseph L.  
D.C. Saunders, E. Rebecca  
D.C. Savanovich, Milton Ned  
D.C. Savitt, Esther  
Va. Sawhill, Mabel I.  
Md. Schade, Howard Gustave  
Md. Schalaus, Robert Duane  
Va. Schatz, Hazel G.  
Md. Schiano, Clifford Bragg  
Md. Schiller, Victor Hugo, Jr.  
Va. Schlang, Henry Aloysius  
Md. Schlotzer, Ward Charles, Jr.  
D.C. Schlundt, Delores J.  
Va. Schmidt, Ruth Elba  
D.C. Schmitz, Ethyl Mary  
D.C. Schneider, Jack  
D.C. Schoenbauer, Clara K.  
Va. Schoenfeld, Benjamin  
D.C. Schoenmann, Donald Leonard

# Students Registered

577

Schoffstall, Robert S.	Md.	Smith, Robert Alfred	Md.
Scholl, Viola Arabella	Md.	Soltis, Silvano	D.C.
Schooley, Daisy L.	Va.	Somerville, Devora Corbin	Md.
Schook, Paul Klayton	Md.	Sparks, Robert Ronald	Md.
Schraite, Winifred Eleanor	Va.	Spaulding, Boyd	D.C.
Schubauer, Marian Lenore	D.C.	Spears, Blanche Snodgrass	D.C.
Schuller, Margaret	D.C.	Sperry, Lowell Dean	Md.
Schultz, Herbert Marvin	Md.	Sprouse, James Marvin	Va.
Schumann, Mary Louise	Va.	Staerker, Corinne Beatrice	Va.
Scott, Dorothy Belle	D.C.	Staff, Robert James	Md.
Scott, Mary Clippinger	D.C.	Stansfield, Paul Eugene	Md.
Scott, Zenith W.	D.C.	Steckel, Grace P.	Va.
Seroges, Ralph Talley	Va.	Stecker, H. Dora	D.C.
Seruges, Mary Callea	Md.	Steele, James William	D.C.
Seals, Charles Lesley	Va.	Steffen, Leroy Charles	Md.
Seay, Elva Madison	Va.	Stephens, Daniel Lester, Jr.	Md.
Sellers, James William	Md.	Stevens, Gene LaRue	Md.
Sellers, Julian Ruppert	Md.	Stevenson, Eric	D.C.
Senior, Dorothy Hudgins	Va.	Stevenson, John Dudley	Va.
Senn, Norman H.	Va.	Stewart, Ira Shepherd	Va.
Serig, Howard William	Va.	Stewart, Naomi Mae	D.C.
Shackelford, Mildred	Va.	Stewart, Mary Dorothy	D.C.
Shader, Lyle Onn	D.C.	Stuebel, LeRoy Edwin	Md.
Shadwick, James Lee	Md.	Stuel, Eva M.	D.C.
Shafterman, Mary Lee	D.C.	Stuth, Esther K.	Va.
Shaffner, Felix Ira	D.C.	Stiles, Jeanne Halsey	D.C.
Shambaugh, Junia Ellen	D.C.	Stoddart, Gladys Luella	Md.
Shanklin, Myrle Harris	Md.	Stokes, James Marzell	D.C.
Sharp, Robert Kenneth	Va.	Stone, Onie Frances	Va.
Shaw, Franklyn Vincent	Md.	Strause, Naomi Lorene	D.C.
Sheehan, Angela Marie	D.C.	Strickland, Lawrence G.	Va.
Sheeline, Elizabeth Scott	Md.	Sugar-Man, George	D.C.
Shelton, Alfred Clifford	D.C.	Sullivan, Fred Gunther	Md.
Shepherd, Donald Ray	Md.	Sullivan, Robert Thomas	Md.
Sherman, Bernard Ralph	D.C.	Sullivan, Virginia Ann	D.C.
Shevin, Paul John	Md.	Surface, Gerald Arthur	Md.
Shipman, Janet S.	Va.	Sutherland, J. Donald	D.C.
Shivers, Mary Louise	D.C.	Sutherland, Mildred	D.C.
Shont, Margaret	Va.	Suttron, Harriet A.	Md.
Shows, Richard Lyle	Va.	Swallow, Paul Q., Jr.	Md.
Shryock, Mildred McKnett	D.C.	Swanson, Carl	D.C.
Shupp, Warren Ernest	Va.	Sweatman, Julius Caleb	D.C.
Shutes, Harmon James, Jr.	D.C.	Swedberg, John Joseph, Jr.	D.C.
Silverman, Harold Maurice	Md.	Swift, Kenneth William	D.C.
Silverstrand, Lila Liston	Va.	Szada, Norbert	Va.
Simkins, Samuel Taylor	Md.	Taft, Marcella F.	D.C.
Simon, Casper Paul	D.C.	Tarlecki, Richard Francis	Va.
Simpson, J. Lupton	Va.	Taylor, Alice	D.C.
Simpson, Marion Porter	Va.	Taylor, Bertha Elmore	D.C.
Simpson, Mercedes Berry	Va.	Teele, Audrey	D.C.
Sindelar, George Meister	D.C.	Teele, Marion Beth	D.C.
Singer, Samuel	D.C.	Teien, Richard Mentor	Va.
Sink, Alice F.	D.C.	Telshon, Arlene L.	D.C.
Sizemore, Paul Glen	D.C.	Tepe, Paul Louis	Va.
Skylstead, Elise Page	D.C.	Tessler, John P.	Va.
Sluauer, Enid Elaine	Md.	Teter, Carl Lee	Md.
Small, Constance	Va.	Thalken, Rita Ann	D.C.
Smart, Claudia	D.C.	Thaw, Alexander Blair	D.C.
Smereski, Charles, Jr.	Va.	Thaw, Thelma Rodgers	D.C.
Smith, Ada Moyer	D.C.	Thomas, Charles	Va.
Smith, Anya F.	D.C.	Thomas, Lloyd Henry	Md.
Smith, Avis B.	D.C.	Thompson, Agnes Theresa	Md.
Smith, Clare F.	Md.	Thompson, Clarence Lee	D.C.
Smith, Esther B.	D.C.	Thompson, Cyril C.	D.C.
Smith, Hudgins Roberts	Va.	Thompson, Donald Richard	Va.
Smith, Laveta Cora	Va.	Thompson, James Oylvie	Va.
Smith, Lawrence Edward	D.C.	Thompson, Mason Elmore	D.C.
Smith, Mary Edith	D.C.	Thompson, Mildred Agnes	D.C.
Smith, Maxine Deloris	Md.	Thompson, Oavin Lee	Md.
Smith, Minnie A.	Md.	Thompson, Wylie W.	D.C.
Smith, Muriel Baird	D.C.	Thorup, Louis Gordon	Va.
Smith, Raymond Thomas	D.C.	Thrasher, Del	Md.





# *Students Registered*

579

Woodruff, Willard Henry  
Woodward, Eugene Perry  
Worcester, Richard Gray  
Worster, Pauline P.  
Wright, Albert Fred  
Wright, Charles Thomas  
Yaffy, Mary Ellen  
Yarbrough, Herbert Almon  
Young, Alice Freeman

Va. Young, Gerald Orren  
Md. Young, John Calvin  
D.C. Zamansky, Paula Elaine  
D.C. Zang, Elizabeth Ann  
D.C. Zang, John Louis  
Md. Zarate, Vincent Ralph  
D.C. Zoerner, Ralph Wallace  
Md. Zoerner, Richard Lloyd  
Md.

Md.  
Va.  
D.C.  
Va.  
Va.  
Pa.  
Md.  
Md.

# SUMMARY OF REGISTRATION\*

1950-51

## THE JUNIOR COLLEGE

	Men	Women	Total
Freshmen .....	736	509	1,245
Sophomores .....	1,077	514	1,591
	1,813	1,023	2,836

## COLUMBIAN COLLEGE

Juniors .....	165	155	320
Seniors .....	417	238	655
Candidates for the degree of Master of Arts.....	368	156	524
Candidates for the degree of Master of Science.....	164	26	190
Unclassified .....	13	7	20
	1,127	582	1,709

## THE GRADUATE COUNCIL

Candidates for the degree of Doctor of Philosophy.....	104	24	128
--	-----	----	-----

## THE SCHOOL OF MEDICINE

First Year .....	89	2	91
Second Year .....	83	5	88
Third Year .....	83	3	86
Fourth Year .....	66	7	73
	321	17	338

## THE LAW SCHOOL

First Year .....	743	44	787
Second Year .....	411	29	440
Third Year .....	448	21	469
Candidates for the degree of Master of Laws.....	101	2	103
Candidates for the degree of Master of Comparative Law .....	13	1	14
Candidates for the degree of Doctor of Juridical Science	15	3	18
Unclassified .....	66	1	67
	1,797	101	1,898

## THE SCHOOL OF ENGINEERING

Freshmen .....	193	4	197
Sophomores .....	167	3	169
Juniors .....	167	—	167
Seniors .....	236	1	237
Unclassified .....	7	—	7
	770	7	777

\* Students registered in the College of General Studies not included in Summary of Registration.



## THE SCHOOL OF PHARMACY

Juniors .....	27	1	28
Seniors .....	32	2	34
	59	3	62

## THE SCHOOL OF EDUCATION

Juniors .....	18	41	59
Seniors .....	47	53	100
Candidates for the degree of Master of Arts.....	184	181	365
Candidates for the degree of Doctor of Education....	44	12	56
Unclassified .....	3	3	6
	296	290	586

## THE SCHOOL OF GOVERNMENT

Juniors .....	192	19	211
Seniors .....	340	28	368
Candidates for the degree of Master of Arts.....	348	52	400
	880	99	979

## THE DIVISION OF UNIVERSITY STUDENTS

University Students .....	2,453	1,438	3,891
---------------------------	-------	-------	-------

## \* THE DIVISION OF SPECIAL STUDENTS

Special Students .....	1,137	241	1,378
------------------------	-------	-----	-------

## SUMMARY\*

Students Registered, Academic Year 1950-51.....	15,185	5,354	20,539
Students Registered, Summer Sessions 1950.....	6,187	1,494	7,681
Total Registration 1950-51 .....	21,372	6,848	28,220
Duplicate Registrations .....	10,615	3,023	13,638
Total Number of Students Registered 1950-51.....	10,757	3,825	14,582

## TEACHING STAFF

Professors Emeritus .....	17
Professors .....	85
Adjunct Professors .....	14
Professorial Lecturers .....	76
Clinical Professors .....	23
Adjunct Clinical Professors .....	10
Associate Professors .....	48
Associate Clinical Professors .....	6
Associates in the School of Medicine .....	65
Assistant Professors .....	56
Assistant Clinical Professors .....	35
Lecturers .....	99
Instructors .....	36
Clinical Instructors .....	149

\* Students registered in the College of General Studies not included in Summary.

Research Associates .....	5
Associates .....	64
Fellows .....	34
Technical Assistants .....	15
	837

## DEGREES CONFERRED

Associate in Arts .....	621
Bachelor of Arts .....	397
Bachelor of Arts in Education .....	34
Bachelor of Arts in Government .....	270
Bachelor of Civil Engineering .....	28
Bachelor of Electrical Engineering .....	46
Bachelor of Mechanical Engineering .....	41
Bachelor of Science .....	69
Bachelor of Science in Engineering .....	19
Bachelor of Science in Home Economics .....	8
Bachelor of Science in Pharmacy .....	34
Bachelor of Science in Physical Education .....	39
Bachelor of Laws .....	360
Juris Doctor .....	16
Master of Arts .....	85
Master of Arts in Education .....	84
Master of Arts in Government .....	58
Master of Science .....	39
Master of Comparative Law .....	11
Master of Laws .....	56
Doctor of Medicine .....	72
Doctor of Education .....	1
Doctor of Juridical Science .....	1
Doctor of Philosophy .....	14
	2,394

## GEOGRAPHICAL DISTRIBUTION OF STUDENTS

## UNITED STATES, TERRITORIES, AND POSSESSIONS

Alabama .....	65	Maryland .....	1,902
Arizona .....	18	Massachusetts .....	267
Arkansas .....	43	Michigan .....	91
California .....	201	Minnesota .....	82
Colorado .....	44	Mississippi .....	50
Connecticut .....	128	Missouri .....	91
Delaware .....	12	Montana .....	20
District of Columbia .....	4,624	Nebraska .....	55
Florida .....	137	Nevada .....	22
Georgia .....	85	New Hampshire .....	32
Idaho .....	29	New Jersey .....	332
Illinois .....	232	New Mexico .....	16
Indiana .....	87	New York .....	871
Iowa .....	107	North Carolina .....	150
Kansas .....	54	North Dakota .....	24
Kentucky .....	64	Ohio .....	237
Louisiana .....	32	Oklahoma .....	74
Maine .....	40	Oregon .....	19

Pennsylvania .....	801	Washington .....	59
Rhode Island .....	52	West Virginia .....	147
South Carolina .....	47	Wisconsin .....	83
South Dakota .....	31	Wyoming .....	15
Tennessee .....	156	Alaska .....	3
Texas .....	136	Canal Zone .....	1
Utah .....	36	Guam .....	1
Vermont .....	17	Hawaii .....	34
Virginia .....	2,426	Puerto Rico .....	41

## FOREIGN COUNTRIES

Afghanistan .....	2	Iran .....	5
Australia .....	1	Iraq .....	1
Bolivia .....	6	Israel .....	2
Brazil .....	5	Italy .....	2
British East Africa .....	1	Japan .....	3
British Guiana .....	1	Korea .....	1
British West Indies .....	1	Mexico .....	5
Bulgaria .....	1	Netherlands .....	2
Burma .....	1	Netherlands West Indies .....	1
Canada .....	10	Nicaragua .....	2
Ceylon .....	1	Norway .....	2
China .....	17	Pakistan .....	2
Colombia .....	4	Peru .....	3
Cuba .....	3	Philippines .....	12
Denmark .....	1	Portugal .....	1
Egypt .....	4	Siam .....	2
England .....	4	South Africa .....	1
Finland .....	3	Sweden .....	4
France .....	5	Switzerland .....	1
Germany .....	2	Turkey .....	4
Greece .....	5	Venezuela .....	1
Guatamala .....	1	West Indies .....	2
India .....	7	Yugoslavia .....	3



## ALUMNI AND ALLIED ASSOCIATIONS

### THE GENERAL ALUMNI ASSOCIATION

The objects of this Association are to unite the graduates in closer sympathy and to promote the general welfare of the University. The following persons are eligible for *active* membership: graduates of any college, school, or division of the University; holders of honorary degrees from the University; and members of the Board of Trustees and of the Faculty of the University. Any person who has matriculated, who has been in regular attendance for one year, and who has left the University in good standing, is eligible for *associate* membership.

The Alumni Office is situated at 2018 I Street, Washington, D. C. Alumni are urged to keep the office informed of changes of address or occupation and to supply information with regard to their fellow alumni.

1950-51

*President.*—Elmer Louis Kayser, A.B. and T.D. 1917, A.M. 1918, LL.D. 1948 (Ph.D. 1932, Columbia University); 2921 34th Street, Washington, D. C.

#### *Vice Presidents:*

*Columbian College.*—James R. Kirkland, A.B. 1927, LL.B. 1928, LL.M. 1929 (B.C.S. 1931, Benjamin Franklin University); 1519 Underwood Street, Washington, D. C.

*Graduate Council.*—Orville E. May, A.B. 1924, M.S. 1926, Ph.D. 1929; 3449 Peachtree Road NE., Atlanta, Ga.

*School of Medicine.*—Russell McNitt, M.D., B.S. in Med. 1925; 1801 I Street, Washington, D. C.

*Law School.*—Stanley J. Tracy, LL.B. 1925; Federal Bureau of Investigation, Washington, D. C.

*School of Engineering.*—Merwyn N. McKnight, Sr., B.S. in M.E. 1938, B.E.E. 1941; 1704 Calvert Street, Arlington, Va.

*School of Pharmacy.*—Harold C. Kinner, Phar.G. 1928, B.S. in Phar. 1943; 5905 Riggs Road, Hyattsville, Md.

*School of Education.*—Elsie Green, A.B. 1914, A.M. 1928; 3151 Tennyson Street, Washington, D. C.

*School of Government.*—Otto Schoenfelder, A.B. in Govt. 1933, LL.B. 1942; Tax Court of the United States, Washington, D. C.

*Dental School.*—C. Willard Camalier, D.D.S. 1912; 1726 I Street, Washington, D. C.

*Treasurer.*—Anna M. Bischoff, A.B. 1928; 2025 I Street, Washington, D. C.

*Executive Secretary.*—Sara Ford Dallmeyer Pine, ex. 1949; 17 Auburn Court, Alexandria, Va.

*Executive Committee:*

Jessie Fant Evans (Mrs. Joshua Evans, Jr.), A.B. and T.D. 1913, Ed.D. 1932; 3405 Lowell Street, Washington, D. C.

May P. Bradshaw, A.B. and T.D. 1909, A.M. 1913; 1631 S Street, Washington, D. C.

Alexander Wetmore, M.S. 1916, Ph.D. 1920, Sc.D. 1932 (A.B. 1912, University of Kansas); 204 Maple Avenue, Takoma Park, Md.

William M. Sweet, D.D.S. 1918; 1835 I Street, Washington, D. C.

Eugene S. Thomas, A.B. 1929 (M.B.A. 1934, Harvard University); 2 Hawthorne Road, Bronxville, N. Y.

Helen Gladys Kain, B.S. 1917, M.D. 1923; 1801 I Street, Washington, D. C.

Louise McNutt, A.B. 1943; Shoreham Hotel, Washington, D. C.

Charles S. Rhyne, LL.B. 1937; 730 Jackson Place, Washington, D. C.

Joseph Roe, Ph.D. 1923 (A.B. 1916, Roanoke College; A.M. 1917, Princeton University; Ph.D. 1934, Yale University); 1352 Jefferson Street, Washington, D. C.

Willard L. Hart, LL.B. 1926 (B.S. 1919, Clemson Agricultural College); United States Court of Claims, Washington, D. C.

THE GEORGE WASHINGTON UNIVERSITY MEDICAL SOCIETY

The George Washington University Medical Society, the organization of graduates of the School of Medicine, was established in 1905 and since 1926 has been affiliated with the General Alumni Association. The objects of the Society, as stated in the constitution, are "The promotion of the science and art of medicine and the welfare of the School of Medicine."

1950-51

*President.*—Russell McNitt, M.D., B.S. in Med. 1925; 1801 I Street, Washington, D. C.

*President Elect.*—John Hugh Lyons, M.D. 1918, B.S. 1919; 1325 New Hampshire Avenue, Washington, D. C.

*First Vice President.*—Herman S. Hoffman, A.B. 1921, M.D. 1924; 3118 16th Street, Washington, D. C.

*Second Vice President.*—Elizabeth Parker, A.M. 1930, M.D. 1932 (A.B. 1924, Brenau College); Lebanon, Route 1, Lorton, Va.

*Secretary-Treasurer.*—Oscar B. Hunter, M.D. 1912, A.B. 1916, A.M. 1917; Suite 1000, Columbia Medical Building, Washington, D. C.

*Council:*

- Herbert S. Gates, M.D. 1923; 815 East Capitol Street, Washington, D. C.  
 Fred A. J. Geier, M.D. 1925; 4948 Lowell Street, Washington, D. C.  
 J. Burton Glenn, M.D., B.S. 1921; 2015 Q Street, Washington, D. C.  
 Clyde P. Reeves, M.D. 1933; 1028 Connecticut Avenue, Washington, D. C.  
 James I. Boyd, A.B. 1923, M.D. 1926, M.S. 1927; 8200 Marlboro Pike SE., Washington, D. C.

## THE GEORGE WASHINGTON LAW ASSOCIATION

The George Washington Law Association, the organization of graduates of the Law School, was founded in 1912 and has been affiliated with the General Alumni Association since 1926. Its purposes as stated in the constitution are to promote high standards of legal education, to keep the alumni of the Law School in closer touch with one another and especially with members of their own classes, to gather and publish at intervals information as to the whereabouts and activities of these alumni, and to further the interests of the Law School.

1950-51

*President.*—Charles S. Rhyne, LL.B. 1937; 730 Jackson Place, Washington, D. C.

*First Vice President.*—H. Cecil Kilpatrick, LL.B. 1922; American Security Building, Washington, D. C.

*Second Vice President.*—Vernon Romney, LL.B. 1922; 212 Kearns Building, Salt Lake City, Utah.

*Third Vice President.*—Horace Lohnes, LL.B. 1924, LL.M. 1925; Munsey Building, Washington, D. C.

*Secretary-Treasurer.*—Samuel C. Caldwell, LL.B. 1943; 1216 Tower Building, Washington, D. C.

*Executive Committee:*

John J. Wilson, LL.B. 1921; 815 15th Street, Washington, D. C.  
 John C. Gall, LL.B. 1923; Commonwealth Building, Washington, D. C.

Mary Agnes Brown, A.B. 1924, LL.B. 1932, S.J.D. 1942; 4606 15th Street, Washington, D. C.

C. Oscar Berry, LL.B. 1932, A.B. 1933; 1100 H Street, Washington, D. C.



### THE LIBRARY SCIENCE ALUMNI ASSOCIATION

The Library Science Alumni Association was organized in 1932 by graduates of the Division of Library Science and became an affiliate of the General Alumni Association in 1935. It was established to foster a closer relationship between the Faculty and graduates and to further the interests of the Division of Library Science and of the University as a whole.

1949-50

*President.*—Clara Egli LeGear (Mrs. Russell LeGear), A.B. in L.S. 1930, A.M. in L.S. 1936; 322 North Carolina Avenue SE., Washington, D. C.

*Vice President.*—John S. Moats, A.B. in L.S. 1932 (B.S. in Chem. Eng. 1928, Washington University); 7109 Harwick Road, Washington, D. C.

*Secretary.*—Helene Gingras, A.B. in L.S. 1932; 316 North Carolina Avenue SE., Washington, D. C.

*Treasurer.*—Minnie Wiener, A.B. in L.S. 1938 (B.S. in Ed. 1929, College of the City of New York; A.M. 1932, Hunter College); 1722 19th Street, Washington, D. C.

### THE ENGINEER ALUMNI ASSOCIATION OF THE GEORGE WASHINGTON UNIVERSITY

The Engineer Alumni Association was organized in 1936 and has been affiliated with the General Alumni Association since that time. Its objects are to unite the graduates and Faculty of the School of Engineering in closer fellowship, to promote the general welfare of the School of Engineering and of the University at large, to foster activities of the engineering organizations recognized by the University, and to advance the profession of engineering in general.

1950-51

*President.*—Merwyn N. McKnight, Sr., B.S. in M.E. 1938, B.E.E. 1941; 1704 North Calvert Street, Arlington, Va.

*Vice President.*—George A. Kilpatrick, B.C.E. 1945; 1109 N. Tuckahoe Street, Falls Church, Va.

*Recording Secretary.*—James Sinsabaugh, B.M.E. 1949; Purcellville, Va.

*Corresponding Secretary.*—A. Benjamin Sorin, B.M.E. 1948; 1924 3d Street, Washington, D. C.

*Executive Committee:*

William C. Thom, B.S. in C.E. 1904, C.E. 1905; 1346 Hemlock Street, Washington, D. C.

Benjamin C. Cruickshanks, Sr., B.S. in M.E. 1920; 5733 4th Street, Washington, D. C.

G. Chester Thom, B.S. in E.E. 1932, B.S. in M.E. 1934; 6326 32d Street, Washington, D. C.

## THE GEORGE WASHINGTON UNIVERSITY NURSES ASSOCIATION

The George Washington University Nurses Association was organized in 1914. In 1936 this organization was made an integral part of the General Alumni Association, and graduates of the School of Nursing were accorded associate membership. The objects of the Association are to hold in unison the graduates of the George Washington University Hospital School for Nurses, to care for its sick members, and to promote the advance of nursing in the interest of the George Washington University Hospital.

1949-50

*President.*—*Claudine C. Thomas* (Mrs. Homer R. Thomas), N. Dip. 1927; 1714 N. Adams Street, Arlington, Va.

*Vice President.*—*Mrs. Louva Baker*, N. Dip. 1919; 1361 Iris Street, Washington, D. C.

*Secretary.*—*Arabella Frye*, ex. 1932; 1301 Vermont Avenue, Washington, D. C.

*Treasurer.*—*Ruth Marmaduke*, N. Dip. 1929; 4730 16th Road N., Arlington, Va.

## REGIONAL ALUMNI CLUBS

Regional alumni clubs sponsored by the General Alumni Association are maintained in the following places: Little Rock, Ark.; Los Angeles, Calif.; Northern California; Denver, Colo.; Chicago, Ill.; Baltimore, Md.; Detroit, Mich.; Kansas City, Mo.; St. Louis, Mo.; Newark, N. J.; Brooklyn, N. Y.; New York, N. Y.; Cleveland, Ohio; the Ohio River Valley (Cincinnati and adjacent sections of Kentucky and Ohio); Tulsa, Okla.; Pittsburgh, Pa.; Dallas, Tex.; Salt Lake City, Utah; Norfolk, Va.; Richmond, Va.; Seattle, Wash.; Milwaukee, Wis.; New England; Hawaii; Philippine Islands; Puerto Rico.

Information about the officers and activities of these clubs may be obtained from the Alumni Office of the University.

### THE GRADUATE ENDOWMENT FUND

The Graduate Endowment Fund was founded by the class of 1926 with the object of providing endowment to be used for the development of the University. Membership is limited to seniors and graduates who sign a pledge of \$100, payable annually in ten equal installments.

The pledge notes and funds are held in trust. When the principal reaches the sum of \$100,000, the Board of Administrators of the Fund may pay to the University such sums as it may vote for erection of buildings, acquisition of sites, maintenance, and purchase of equipment. At no time may money be drawn so as to leave a balance of less than \$50,000 on deposit.

On request, the Alumni Office of the University will furnish pledge blanks to alumni.

### THE COLUMBIAN WOMEN

The objects of this organization are (1) the promotion of acquaintanceship among its members; (2) the advancement of women by the founding of scholarships in the various departments of the University; and (3) the promotion of the interests of the University.

#### MEMBERSHIP

1. The following persons shall be eligible for active membership: (a) any woman who for one year has been a regularly registered student in The George Washington University, provided that she shall have received credit for thirty hours of work; (b) any woman member of the Faculties or Board of Trustees, any woman on the administrative staff, the wife of any member of the Faculties, Board of Trustees, or of the administrative staff; (c) any woman recipient of an honorary degree from the University.

1950-51

*President.*—Margaret S. Gusack (Mrs. Harry Gusack), A.B. and B.Dip. in Ed. 1929. A.M. 1941; 2515 13th Street, Washington, D. C.  
*First Vice President.*—Agnes C. Peitz, A.B. in Ed. 1940; Hine Junior High School, Washington, D. C.  
*Second Vice President.*—Elsie Green, A.B. 1914, A.M. 1928; 3151 Tennyson Street, Washington, D. C.  
*Corresponding Secretary.*—Elizabeth Stewart, A.B. and B.Dip. in Ed. 1921; 6857 North Washington Boulevard, Falls Church, Va.  
*Assistant Corresponding Secretary.*—Edith Harper, A.B. in Ed. 1950; 65 M Street, Washington, D. C.





THE  
GEORGE  
WASHINGTON  
UNIVERSITY  
BULLETIN

---

VOL. L

No. I

---

THE SCHOOL OF MEDICINE

---

WASHINGTON, D. C.

PUBLISHED IN JANUARY  
MCMLI

BY THE UNIVERSITY

THE  
NEW  
FISHING  
SOCIETY

OF THE  
COUNTY OF  
SURREY  
AND  
THE CITY OF  
LONDON  
AND  
THE DISTRICT OF  
HENDON



## CONTENTS

Calendar of the School of Medicine.....	vi
The Board of Trustees.....	I
Officers of Administration.....	2
Faculty and Staff of Instruction in Medicine.....	3
Assistants in Research and Instruction.....	25
Technical Assistants .....	27
Administrative Assistants .....	27
The School of Medicine.....	28
Courses of Instruction.....	42
Anatomy .....	43
Anesthesiology .....	44
Bacteriology, Hygiene, and Preventive Medicine.....	45
Biochemistry .....	48
Dermatology and Syphilology.....	50
Medicine .....	51
Military Science and Tactics.....	56
Neurology and Neurological Surgery.....	57
Obstetrics and Gynecology.....	58
Ophthalmology .....	61
Oto-rhino-laryngology .....	62
Pathology .....	63
Pediatrics .....	64
Pharmacology .....	66
Physical Medicine and Rehabilitation.....	67
Physiology .....	68
Psychiatry .....	70
Radiology .....	72
Surgery .....	73
Urology .....	76
Degrees Conferred, May 31, 1950.....	77
Students Registered, 1950-51.....	79
Summaries of Registration, 1950-51.....	85
Index .....	87

# CALENDAR OF THE SCHOOL OF MEDICINE

## 1951-52

Date	Day	Occasion
1951:		
Sept. 11.....	Tuesday .....	Reexaminations
Sept. 13 and 14...	Thursday and Friday...	Registration period for the academic year 1951-52
Sept. 17.....	Monday .....	Academic year begins
Nov. 12.....	Monday .....	Armistice Day. Holiday
Nov. 22-24.....	Thursday through Saturday .....	Thanksgiving recess
Dec. 22-Jan. 2....	Saturday through Wednesday .....	Christmas recess
1952:		
Jan. 18-26.....	Friday through Saturday.	Fall term examination period
Jan. 28.....	Monday .....	Classes resume for the winter term
Feb. 23.....	Friday .....	Winter Convocation. Holiday
April 11 and 12...	Friday and Saturday....	Easter recess
April 14.....	Monday .....	Last day for applications for degrees to be conferred in May
May 15-23.....	Thursday through Friday.	Winter term examination period
May 25.....	Sunday .....	Baccalaureate Sermon
May 28.....	Wednesday .....	Commencement

## THE BOARD OF TRUSTEES

The Board of Trustees of the University is composed of the President and Vice-President of the University ex officio and the following persons by election:

Robert Vedder Fleming, LL.D., *Chairman*  
 Henry Parsons Erwin, A.B., *Secretary*  
 Newell Windom Ellison, A.B., LL.B., *Assistant Secretary*

---

Clarence Aiken Aspinwall  
 Lyman James Briggs, Ph.D., Sc.D., D.Eng., LL.D.  
 John St. Clair Brookes, Jr., A.M., LL.B.  
 Mrs. Wilbur John Carr  
 Homer Cummings, Ph.B., LL.B., LL.D., L.H.D.  
 \*Watson Davis, B.S. in C.E., C.E.  
 Mrs. Joshua Evans, Jr., A.B., Ed.D.  
 \*Robert Elliott Freer, A.B., LL.M.  
 Charles Carroll Glover, Jr., A.M., LL.B.  
 Gilbert Grosvenor, A.M., LL.D., Litt.D.  
 \*Brooks Hays, A.B., LL.B., LL.D.  
 John Edgar Hoover, LL.M., LL.D.  
 Frank Atherton Howard, B.S. in M.E., LL.B.  
 Robert Houghwout Jackson, LL.B., LL.D.  
 Alfred Henry Lawson, LL.B.  
 John Keown McKee  
 Benjamin Mosby McKelway  
 \*Helen Newman, LL.M.  
 \*Claude Worthington Owen, LL.M.  
 Walter Rupert Tuckerman, A.B., LL.B.  
 James Edwin Webb, A.B.  
 Alexander Wetmore, Ph.D., Sc.D.  
 \*Charles Stanley White, M.D., Sc.D.  
 Lloyd Bennett Wilson

---

\* Nominated by the alumni.



## OFFICERS OF ADMINISTRATION

### THE UNIVERSITY

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University*  
Ulysses S. Grant, 3d, B.S., *Graduate United States Engineers' School,*  
*Vice-President*

Harold Griffith Sutton, M.S., *Director of Admissions*

Fred Everett Nessell, A.B., *Registrar; Secretary of the Faculties*

John Russell Mason, B.S. in L.S., A.M., *Librarian; Curator of Art*

Myrna Pauline Sedgwick, A.B., *Administrative Secretary*

Henry William Herzog, B.S., *Comptroller*

Donald David Blanchard, B.C.E., *Business Manager*

Claud Max Farrington, A.M., *Director of Activities for Men*

Virginia Randolph Kirkbride, A.M., *Director of Activities for Women*

Alan Thomas Deibert, A.M., *Adviser to Students from Foreign Countries*

Daniel LeRay Borden, A.M., M.D., *Director of Health Administration*

John Rust Busick, A.B., *Director of Public Relations*

Don Carlos Faith, A.M., *Director of Veterans Education*

Benjamin Douglass Van Evera, Ph.D., *Coordinator of Scientific Activities*

### THE SCHOOL OF MEDICINE AND THE UNIVERSITY HOSPITAL

Walter Andrew Bloedorn, A.M., M.D., Sc.D., *Dean of the School of*  
*Medicine; Medical Director of the University Hospital*

Thomas Martin Peery, A.B., M.D., *Director of Postgraduate Instruc-*  
*tion; Director of Laboratories, the University Hospital*

Victor Frederick Ludewig, A.B., B.S., *Superintendent of the University*  
*Hospital*

## FACULTY AND STAFF OF INSTRUCTION IN MEDICINE

### EMERITUS FACULTY

GEORGE BAIN JENKINS, M.D.  
*Professor Emeritus of Anatomy*

WILLIAM JOHNSTON MALLORY, A.M., M.D.  
*Professor Emeritus of Medicine*

JAMES FARNANDIS MITCHELL, A.B., M.D.  
*Professor Emeritus of Clinical Surgery*

GEORGE BYRON ROTH, A.B., M.D.  
*Professor Emeritus of Pharmacology*

### ACTIVE FACULTY AND STAFF OF INSTRUCTION

THEODORE JUDSON ABERNETHY, B.S., M.D.  
*Assistant Clinical Professor of Medicine. Associate in Medicine, University and Gallinger hospitals*

ERRETT CYRIL ALBRITTON, A.B., M.D.  
*Fry Professor of Physiology. Consultant in Physiology, University Hospital*

EDWARD LEWIS ALPEN, Ph.D.  
*Assistant Professor of Pharmacology*

LOUIS KATZ ALPERT, B.S., M.D.  
*Adjunct Clinical Professor of Medicine. Associate in Medicine, University Hospital*

SEYMOUR ALPERT, A.B., M.D.  
*Assistant Professor of Anesthesiology. Associate in Anesthesiology, University and Gallinger hospitals*

ELLSWORTH CHAPMAN ALVORD, Jr., B.S., M.D.  
*Professorial Lecturer in Anatomy*

JAMES FRANCIS AMBURY, B.S., M.D.  
*Clinical Instructor in Medicine. Associate in Medicine, University Hospital*

HARRY FORD ANDERSON, M.D.  
*Professor of Dermatology and Syphilology. Consultant and Chief of Service in Dermatology and Syphilology, University and Gallinger hospitals*

WILLIAM STATON ANDERSON, A.B., M.D.  
*Clinical Professor of Pediatrics. Associate in Pediatrics, University Hospital*

WARREN ANDREW, Ph.D., M.D.  
*Professor of Anatomy. Consultant in Anatomy, University Hospital*

CHARLES ARMSTRONG, B.S., M.D., Sc.D.  
*Professorial Lecturer in Preventive Medicine*

JAMES EARLE ASH, Jr., M.D.  
*Professorial Lecturer in Pathology*

FRANK SOLOMON BACON, B.S., M.D.  
*Clinical Instructor in Medicine. Associate in Medicine, University Hospital*

WILLIAM ELDRIDGE BAGEANT, M.D.  
*Clinical Instructor in Anesthesiology. Associate in Anesthesiology, University and Gallinger hospitals*

WILLIAM OTIS BAILEY, Jr., M.D.  
*Clinical Instructor in Medicine. Associate in Medicine, University Hospital*

ARNOLD KENT BALLS, Ph.D.  
*Professorial Lecturer in Biochemistry*

ROBERT HENRY BARTER, M.D.  
*Associate Professor of Obstetrics and Gynecology. Associate in Obstetrics and Gynecology, University and Gallinger hospitals*

JEANNE CECILE BATEMAN, A.B., M.D.  
*Clinical Instructor in Medicine*

HARRY CLARK BATES, B.S., M.D.  
*Clinical Instructor in Medicine. Associate in Medicine, University Hospital*

EMIL HERBERT BAUERSFELD, A.B., M.D.  
*Clinical Instructor in Medicine. Associate in Medicine, University Hospital*

RALPH GREGORY BEACHLEY, M.D., Dr.P.H.  
*Adjunct Professor of Public Health Practice*

EDWARD JAMES BEATTIE, Jr., M.D.  
*Assistant Professor of Surgery. Associate in Surgery, University and Gallinger hospitals*

VIRGINIA PATTERSON BEELAR, A.B., M.D.  
*Clinical Instructor in Medicine. Associate in Medicine, University Hospital*

JOSEPH BEINSTEIN, A.B., M.D.  
*Clinical Instructor in Medicine. Associate in Medicine, University and Gallinger hospitals*

RUTH BOSCHWITZ BENEDICT, A.B., M.D.  
*Clinical Instructor in Medicine. Associate in Medicine, University Hospital*

CARL BERG, M.D.  
*Assistant Clinical Professor of Orthopedic Surgery. Associate in Orthopedic Surgery, University Hospital*

SIDNEY BERMAN, B.S., M.D.  
*Assistant Clinical Professor of Psychiatry. Associate in Psychiatry, University Hospital*

SOLOMON RODNEY BERSACK, M.D.  
*Associate in Radiology. Associate in Radiology, University Hospital*



- SAMUEL PAUL BESSMAN, M.D.  
*Associate in Pediatrics. Associate in Pediatrics, University Hospital*
- ROLAND ESSIG BIEREN, M.D.  
*Clinical Instructor in Obstetrics and Gynecology. Associate in Obstetrics and Gynecology, University Hospital*
- CATHARINE BIRCH, A.B., M.D.  
*Clinical Instructor in Oto-rhino-laryngology. Associate in Oto-rhino-laryngology, University and Gallinger hospitals*
- BRIAN BLADES, A.B., M.D.  
*Professor of Surgery. Chief of Service in Surgery, University Hospital*
- WALTER ANDREW BLOEDORN, A.M., M.D., Sc.D.  
*Professor of Medicine; Dean of the School of Medicine. Medical Director, University Hospital*
- LESTER SYLVAN BLUMENTHAL, A.B., M.D., M.S. IN MED.  
*Clinical Instructor in Medicine. Associate in Medicine, University Hospital*
- STERLING BOCKOVEN, M.D.  
*Associate in Ophthalmology. Associate in Ophthalmology, University Hospital*
- DANIEL LERAY BORDEN, A.M., M.D.  
*Clinical Professor of Surgery, Director of Health Administration. Associate in Surgery, University Hospital*
- JAMES IRVING BOYD, M.D.  
*Lecturer in Medicine*
- THOMAS BRADLEY, A.B., M.D.  
*Clinical Instructor in Surgery. Associate in Surgery, University and Gallinger hospitals*
- SARA ELIZABETH BRANHAM, Ph.D., M.D., Sc.D.  
*Professorial Lecturer in Preventive Medicine*
- ANDREW JOSEPH BRENNAN, M.D.  
*Clinical Instructor in Medicine. Associate in Medicine, University Hospital*
- CARL ROBERT BREWER, Ph.D.  
*Professorial Lecturer on Microbial Physiology*
- ROBERT LEE BRICKHOUSE, B.S., M.D.  
*Clinical Instructor in Medicine. Associate in Medicine, University Hospital*
- CRENSHAW DOUGLAS BRIGGS, B.S., M.D.  
*Clinical Instructor in Surgery. Associate in Surgery, University Hospital*
- ALBERT SEYMOUR BRIGHT, M.D.  
*Clinical Instructor in Obstetrics and Gynecology. Associate in Obstetrics and Gynecology, University Hospital*
- ALFRED BRIGULIO, M.D.  
*Clinical Instructor in Medicine. Associate in Medicine, University and Gallinger hospitals*

- LOUIS ALECK CRAIG, Jr., A.B., M.D.  
*Clinical Instructor in Medicine. Associate in Medicine, University Hospital*
- GEORGE WILLIAM CRESWELL, A.B., M.D.  
*Assistant Clinical Professor of Dermatology and Syphilology. Associate in Dermatology and Syphilology, University Hospital*
- JEREMIAH KEITH CROMER, M.D.  
*Associate in Obstetrics and Gynecology. Associate in Obstetrics and Gynecology, University Hospital; Chief of Service in Gynecology, Gallinger Hospital*
- LEON RICHARD CULBERTSON, B.S., M.D.  
*Clinical Instructor in Urology. Associate in Urology, University and Gallinger hospitals*
- WILLIAM GREEN CUSHARD, M.D.  
*Associate in Psychiatry. Associate in Psychiatry, University and Gallinger hospitals*
- ABRAHAM WOLFFE DANISH, A.B., M.D.  
*Clinical Instructor in Medicine. Associate in Medicine, University Hospital*
- HENRY LAURAN DARNER, A.B., M.D.  
*Clinical Professor of Obstetrics and Gynecology. Associate in Obstetrics and Gynecology, University Hospital*
- CARL CALVIN DAUER, A.B., M.D., M.P.H.  
*Assistant Clinical Professor of Medicine. Associate in Medicine, University Hospital*
- WILLIAM JOSEPH GRAHAM DAVIS, A.B., M.D.  
*Clinical Instructor in Ophthalmology. Associate in Ophthalmology, University and Gallinger hospitals*
- BENJAMIN FRANKLIN DEAN, Jr., M.S., M.D.  
*Assistant Clinical Professor of Surgery. Associate in Surgery, University Hospital*
- HERBERT HAROLD DIAMOND, M.D.  
*Clinical Instructor in Pediatrics. Associate in Pediatrics, University and Gallinger hospitals*
- PAUL FREDERICK DICKENS, M.D.  
*Clinical Professor of Medicine. Associate in Medicine, University Hospital*
- SAMUEL MAYER DODEK, A.M., M.D.  
*Assistant Clinical Professor of Obstetrics and Gynecology. Associate in Obstetrics and Gynecology, University Hospital*
- CHARLOTTE PATRICIA DONLAN, A.B., M.D.  
*Clinical Instructor in Radiology. Associate in Radiology, University Hospital*
- JAMES SPENCER DRYDEN, M.D.  
*Clinical Instructor in Ophthalmology. Associate in Ophthalmology, University Hospital*
- JOHN WILLIAM DU CHEZ, M.D.  
*Clinical Instructor in Medicine. Associate in Medicine, University and Gallinger hospitals*

- ROBERT EDWARD DUPREY, M.S., M.D.  
*Clinical Instructor in Ophthalmology. Associate in Ophthalmology, University and Gallinger hospitals*
- JAMES ALBERT DUSBABEK, M.D.  
*Associate in Obstetrics and Gynecology. Associate in Obstetrics and Gynecology, University Hospital*
- ADDISON MCGUIRE DUVAL, M.D.  
*Clinical Professor of Psychiatry. Associate in Psychiatry, University Hospital*
- ROLLA EUGENE DYER, A.B., M.D., LL.D.  
*Professorial Lecturer in Preventive Medicine*
- HARRY EAGLE, A.B., M.D.  
*Adjunct Clinical Professor of Medicine*
- WILFRED WALTER EASTMAN, M.D.  
*Clinical Instructor in Anatomy*
- HENRY DUNLOP ECKER, B.S., M.D.  
*Clinical Instructor in Medicine. Associate in Medicine, University and Gallinger hospitals*
- DAVID EDEN, A.B., M.D.  
*Clinical Instructor in Psychiatry. Associate in Psychiatry, University Hospital*
- WATSON WILLIAM ELDRIDGE, JR., M.D.  
*Associate in Medicine. Associate in Medicine, University Hospital*
- CHESTER WILSON EMMONS, Ph.D.  
*Professorial Lecturer on Medical Mycology*
- OTTO ANDERSON ENGH, A.B., M.D.  
*Clinical Instructor in Surgery. Associate in Surgery, University Hospital*
- JULIUS ROBERT EPSTEIN, M.D.  
*Clinical Instructor in Obstetrics and Gynecology. Associate in Obstetrics and Gynecology, University Hospital*
- CLAYTON BERNARD ETHRIDGE, M.D.  
*Clinical Professor of Medicine. Associate in Medicine, University and Gallinger hospitals*
- JOHN McCALLUM EVANS, A.B., M.D.  
*Assistant Clinical Professor of Medicine. Associate in Medicine, University and Gallinger hospitals*
- JOSEPH FRANCIS FAZEKAS, B.S., M.D.  
*Adjunct Clinical Professor of Medicine. Chief of Staff, Gallinger Hospital*
- HENRY LEON FEFFER, A.B., M.D.  
*Clinical Instructor in Orthopedic Surgery. Associate in Orthopedic Surgery, University Hospital*
- JAMES JOSEPH FEFFER, A.B., M.D.  
*Associate in Medicine. Associate in Medicine, University and Gallinger hospitals*



ROBERT HANNA FELIX, M.D., M.P.H.

*Professorial Lecturer on Mental Hygiene*

EDWARD EGNER FERGUSON, M.D.

*Clinical Instructor in Urology. Associate in Urology, University and Gallinger hospitals*

MURRAY FINKELSTEIN, M.S.

*Assistant Professor of Pharmacology*

AUBERY DAVID FISCHER, M.D.

*Associate in Oto-rhino-laryngology. Associate in Oto-rhino-laryngology, University and Gallinger hospitals*

THEODORE CLAREMONT CHEN FONG, M.D.

*Associate in Dermatology and Syphilology. Associate in Dermatology and Syphilology, University Hospital*

WILLIAM FRANK, M.D.

*Clinical Instructor in Medicine. Associate in Medicine, University Hospital*

MAURICE FRANKS, M.D.

*Clinical Instructor in Medicine. Associate in Medicine, University Hospital*

CLARENCE KENDALL FRASER, Ph.B., M.D.

*Associate in Obstetrics and Gynecology. Associate in Obstetrics and Gynecology, University Hospital; Chief of Service in Gynecology, Gallinger Hospital*

WALTER FREEMAN, Ph.D., M.D.

*Professor of Neurology. Chief of Service in Neurology, University and Gallinger hospitals*

MARVIN FUCHS, B.S., M.D.

*Clinical Instructor in Medicine. Associate in Medicine, University Hospital*

JAMES QUINCY GANT, Jr., M.S., M.D.

*Associate in Dermatology and Syphilology. Associate in Dermatology and Syphilology, University and Gallinger hospitals*

RODES CARL GARBY, A.B., M.D.

*Instructor in Surgery. Associate in Surgery, University and Gallinger hospitals*

LEON GERBER, M.D.

*Clinical Instructor in Surgery. Associate in Surgery, University and Gallinger hospitals*

WALTER HENRY GERWIG, Jr., A.B., M.D.

*Associate in Surgery. Associate in Surgery, University and Gallinger hospitals*

WILLIAM TRAVIS GIBB, Jr., A.B., M.D.

*Assistant Clinical Professor of Medicine. Associate in Medicine, University Hospital*

SAM THOMPSON GIBSON, B.S., M.D.

*Associate in Medicine. Associate in Medicine, University Hospital*

EUGENE SOLOMON GLADSDEN, B.S., M.D.

*Clinical Instructor in Medicine. Associate in Medicine, University and Gallinger hospitals*

- HERBERT DUDLEY GLICK, B.M., M.D.  
*Clinical Instructor in Pediatrics. Associate in Pediatrics, University Hospital*
- REUBEN GOODMAN, M.D.  
*Clinical Instructor in Dermatology and Syphilology. Associate in Dermatology and Syphilology, University and Gallinger hospitals*
- ERNEST ALVA GOULD, M.D.  
*Clinical Instructor in Surgery. Associate in Surgery, University and Gallinger hospitals*
- WALLACE HARRY GRAHAM, B.S., M.D.  
*Professorial Lecturer in Surgery. Associate in Surgery, University Hospital*
- KATHERINE VIRGINIA GREENE, A.M.  
*Instructor in Physiology*
- ANGUS MACIVOR GRIFFIN, Ph.D.  
*Professor of Bacteriology*
- ROBERT HENRY GROH, B.S., M.D.  
*Assistant Clinical Professor of Neurology. Associate in Neurology, University Hospital*
- MABEL HARLAKENDEN GROSVENOR, A.B., M.D.  
*Assistant Clinical Professor of Pediatrics. Associate in Pediatrics, University and Gallinger hospitals*
- MILTON GUSACK, A.B., M.D.  
*Clinical Instructor in Medicine. Associate in Medicine, University Hospital*
- CUSTIS LEE HALL, M.D.  
*Clinical Professor of Surgery. Associate in Surgery, University Hospital*
- ROSCOE WILLIS HALL, PhB., M.D.  
*Clinical Professor of Psychiatry. Associate in Psychiatry, University Hospital*
- CHARLES ROBERT LEE HALLEY, A.B., M.D.  
*Clinical Professor of Medicine. Associate in Medicine, University and Gallinger hospitals*
- BERNARD LAURISTON HARDIN, Jr., A.B., M.D.  
*Associate in Medicine. Associate in Medicine, University Hospital*
- JEROME BLAINE HARRELL, M.D.  
*Assistant Clinical Professor of Surgery. Associate in Surgery, University Hospital; Chief of Service in Surgery, Gallinger Hospital*
- \*CLARENCE RICHARD HARTMAN, A.B., M.D.  
*Assistant Clinical Professor of Medicine*
- THOMAS LEES HARTMAN, A.M., M.D.  
*Clinical Instructor in Medicine. Associate in Medicine, University Hospital*
- WEBB EDWARD HAYMAKER, M.S., M.D.  
*Professorial Lecturer in Anatomy*
- JOHN RODERICK HELLER, Jr., B.S., M.D.  
*Professorial Lecturer on Venereal Disease Control*

\* On national service leave.

ELSON BOWMAN HELWIG, B.S., M.D.

*Professorial Lecturer in Pathology*

ROY HERTZ, Ph.D., M.D.

*Assistant Clinical Professor of Medicine. Associate in Medicine, University and Gallinger hospitals*

ELIZABETH HARMAN HILL, M.D.

*Instructor in Medicine. Associate in Medicine, University and Gallinger hospitals*

ROBERT PELLEY HILL, B.S., M.D.

*Assistant Professor of Pathology. Assistant Director of Laboratories, University Hospital*

CLAYTON HOWARD HIXSON, M.D.

*Associate in Obstetrics and Gynecology. Associate in Obstetrics and Gynecology, University Hospital*

T. WILEY HODGES, A.B., M.D.

*Clinical Instructor in Orthopedic Surgery. Associate in Orthopedic Surgery, University and Gallinger hospitals*

LEROY HOECK, M.D.

*Adjunct Clinical Professor of Pediatrics. Chief Medical Officer in Pediatrics, Gallinger Hospital*

PEARL HOLLY, M.S., M.D.

*Associate in Medicine. Associate in Medicine, University and Gallinger hospitals*

BERNARD LEONARD HORECKER, Ph.D.

*Professorial Lecturer on Enzymes*

ALEC HORWITZ, M.S., M.D.

*Associate Clinical Professor of Surgery. Associate in Surgery, University Hospital*

WILLIAM ALLEN HOWARD, A.B., M.D.

*Associate in Pediatrics. Associate in Pediatrics, University Hospital*

JOHN DECATUR HOYLE, B.S., M.D.

*Clinical Instructor in Surgery. Associate in Surgery, University Hospital*

VINCENT MICHAEL IOVINE, B.S., M.D.

*Assistant Clinical Professor of Surgery. Associate in Surgery, University and Gallinger hospitals*

GEORGE WASHINGTON IRVING, JR., Ph.D.

*Professorial Lecturer on Proteins*

CAROLINE JACKSON, A.M., M.D.

*Clinical Instructor in Obstetrics and Gynecology. Associate in Obstetrics and Gynecology, University Hospital*

RICHARD LEE JACKSON, M.D.

*Clinical Instructor in Surgery. Associate in Surgery, University Hospital*



- DOROTHY STEINLE JAEGER-LEE, M.D.  
*Assistant Clinical Professor of Pediatrics. Associate in Pediatrics, University Hospital*
- RUSSEL JON JANSEN, M.D.  
*Associate in Obstetrics and Gynecology. Associate in Obstetrics and Gynecology, University Hospital*
- WILLIAM DABNEY JARMAN, B.S., M.D.  
*Clinical Instructor in Urology. Associate in Urology, University and Gallinger hospitals*
- EDGAR PLEASANT JAYNE, PH.D.  
*Assistant Professor of Anatomy*
- WILLIAM HERNDON JENKINS, M.D.  
*Clinical Professor of Oto-rhino-laryngology. Associate in Oto-rhino-laryngology, University and Gallinger hospitals*
- EDWARD CLIFFORD JENNINGS, B.S., M.D.  
*Clinical Instructor in Oto-rhino-laryngology. Associate in Oto-rhino-laryngology, University Hospital*
- BENJAMIN CALLOWAY JONES, JR., M.D.  
*Associate in Medicine. Associate in Medicine, University Hospital*
- CHARLES WILSON JONES, A.B., M.D.  
*Clinical Instructor in Medicine. Associate in Medicine, University and Gallinger hospitals*
- SOL KATZ, B.S., M.D.  
*Adjunct Clinical Professor of Medicine*
- SOLOMON KATZENELBOGEN, M.D.  
*Clinical Professor of Psychiatry. Associate in Psychiatry, University Hospital*
- MORTON SELWYN KAUFMAN, A.B., M.D.  
*Clinical Instructor in Obstetrics and Gynecology. Associate in Obstetrics and Gynecology, University Hospital*
- JAMES LEO KELLEY, A.B., M.D.  
*Instructor in Surgery. Associate in Surgery, University Hospital*
- JOHN WILLIAM KEMBLE, A.B., M.D.  
*Clinical Instructor in Neurology. Associate in Neurology, University Hospital*
- MARVIN HAYNE KENDRICK, A.B., M.D.  
*Clinical Instructor in Surgery. Associate in Surgery, University Hospital*
- IRVIN KERLAN, B.S., M.D., C.P.H.  
*Clinical Instructor in Medicine. Associate in Medicine, University Hospital*
- ISRAEL KESSLER, M.S., M.D.  
*Clinical Instructor in Medicine. Associate in Medicine, University and Gallinger hospitals*
- HAYDEN KIRBY-SMITH, B.S., M.D.  
*Assistant Clinical Professor of Dermatology and Syphilology. Associate in Dermatology and Syphilology, University and Gallinger hospitals*

STANLEY WILLIAM KIRSTEIN, M.D.

*Clinical Instructor in Medicine. Associate in Medicine, University Hospital*

ALBERT DAVID KISTIN, A.M., M.D.

*Associate in Medicine. Associate in Medicine, University and Gallinger hospitals*

MORRIS KLEINERMAN, Ch.D., M.B.

*Assistant Clinical Professor of Psychiatry. Associate in Psychiatry, University Hospital*

CALVIN TREXLER KLOPP, A.B., M.D.

*Assistant Clinical Professor of Surgery. Associate in Surgery, University and Gallinger hospitals*

ALVIN KNUDSON, B.S., M.D.

*Associate in Physical Medicine and Rehabilitation. Associate in Physical Medicine and Rehabilitation, University and Gallinger hospitals*

JACOB KOTZ, M.D.

*Clinical Professor of Obstetrics and Gynecology. Associate in Obstetrics and Gynecology, University Hospital*

LUDWIG CARL KROUTIL, A.B., M.D.

*Associate in Radiology. Associate in Radiology, University Hospital*

JOHN HERMAN KUITERT, A.B., M.D.

*Associate in Physical Medicine and Rehabilitation. Associate in Physical Medicine and Rehabilitation, University Hospital.*

WILLIAM THURSTON LADY, M.D.

*Clinical Instructor in Obstetrics and Gynecology. Associate in Obstetrics and Gynecology, University Hospital; Chief of Service in Obstetrics, Gallinger Hospital*

JOHN WILMER LATIMER, Jr., M.D.

*Clinical Instructor in Medicine. Associate in Medicine, University Hospital*

HENRY PRATHER LAUGHLIN, B.S., M.D.

*Assistant Clinical Professor of Psychiatry. Associate in Psychiatry, University Hospital*

CARL JOHN LAUTER, M.S.

*Professorial Lecturer on Municipal Sanitation*

CHARLES EDWARD LAW, M.D.

*Clinical Instructor in Medicine. Associate in Medicine, University Hospital*

ALFRED HENRY LAWTON, M.D., Ph.D.

*Assistant Clinical Professor of Medicine*

JOHN GORDON LEE, A.B., M.D., C.M., MEd. Sc.D.

*Adjunct Clinical Professor of Surgery. Associate in Surgery, University Hospital*

CHESTER ELWOOD LEESE, Ph.D.

*Professor of Physiology*

OSCAR LEGAULT, A.B., M.D.

*Clinical Instructor in Neurology. Associate in Neurology, University Hospital*

THOMAS MILES LEONARD, Ph.B., M.D.  
Clinical Instructor in Obstetrics and Gynecology. Associate in Obstetrics and Gynecology, University Hospital; Chief of Service in Gynecology, Gallinger Hospital

GORDON SPARKS LETTERMAN, A.B., B.S., M.D.  
Clinical Instructor in Surgery. Associate in Surgery, University Hospital

EDWARD LEWIS, M.D.  
Clinical Professor of Pediatrics. Associate in Pediatrics, University Hospital

WILLIAM LEWIS, M.D.  
Clinical Instructor in Medicine. Associate in Medicine, University Hospital

JAMES WALLING LONG, M.D.  
Clinical Instructor in Medicine. Associate in Medicine, University Hospital

JOSEPH MICHAEL LO PRESTI, B.S., M.D.  
Assistant Professor of Pediatrics. Associate in Pediatrics, University Hospital

REGINALD SPENCER LOURIE, M.D.  
Associate in Pediatrics—Psychiatry. Associate in Pediatrics, University Hospital

VICTOR FREDERICK LUDEWIG, A.B., B.S.  
Superintendent of the University Hospital

JOHN HUGH LYONS, M.S., M.D.  
Clinical Professor of Surgery. Associate in Surgery, University Hospital

ROSS CLAYTON MacCARDLE, Ph.D.  
Professorial Lecturer in Anatomy

GORDON RHODES MacDONALD, M.D.  
Clinical Instructor in Urology. Associate in Urology, University and Gallinger hospitals

FRANK GOODNOW MacMURRAY, A.B., M.D.  
Clinical Instructor in Medicine. Associate in Medicine, University Hospital

PAUL BUDD MAGNUSON, M.D.  
Adjunct Clinical Professor of Surgery. Associate in Surgery, University Hospital

GEORGE MAKSIM, M.D., M.S. IN PED.  
Assistant Clinical Professor of Pediatrics. Associate in Pediatrics, University Hospital

BENJAMIN MANCHESTER, M.D.  
Assistant Clinical Professor of Medicine. Associate in Medicine, University and Gallinger hospitals

HAROLD GEORGE MANDEL, Ph.D.  
Assistant Research Professor of Pharmacology

JOHN BAYNE MARBURY, M.D.  
Clinical Instructor in Medicine. Associate in Medicine, University Hospital

WILLIAM BERRY MARBURY, M.D.  
Clinical Professor of Surgery. Associate in Surgery, University Hospital



SHIRLEY SUE MARTIN, M.D.

*Clinical Instructor in Obstetrics and Gynecology. Associate in Obstetrics and Gynecology, University Hospital; Associate in Obstetrics, Gallinger Hospital*

WILLIAM GRAY McCARTEN, M.S.

*Instructor in Bacteriology*

WILLIAM STANLEY McCUNE, A.B., M.D.

*Associate Clinical Professor of Surgery. Associate in Surgery, University and Gallinger hospitals*

JAMES JERRY McFARLAND, JR., B.S., M.D.

*Clinical Instructor in Oto-rhino-laryngology. Associate in Oto-rhino-laryngology, University and Gallinger hospitals*

JASPER WAYNE McFARLAND, B.S., M.D.

*Clinical Instructor in Physical Medicine and Rehabilitation. Associate in Physical Medicine and Rehabilitation, University and Gallinger hospitals*

JOHN PHILLIP McGOVERN, B.S., M.D.

*Associate in Pediatrics. Associate in Pediatrics, University and Gallinger hospitals*

LEWIS WALKER McILHANY, M.S., M.D.

*Clinical Instructor in Public Health Practice*

PRESTON ALEXANDER McLENDON, B.S., M.D.

*Professor of Pediatrics. Chief of Service in Pediatrics, University Hospital; Consultant in Pediatrics, Gallinger Hospital*

JOHN McNERNEY, M.D.

*Associate in Neurological Surgery. Associate in Neurological Surgery, University Hospital*

HENRY JOHN RUSSELL McNITT, B.S. IN MED., M.D.

*Associate in Obstetrics and Gynecology. Associate in Obstetrics and Gynecology, University Hospital*

WILLIAM CAREY MELOY, M.D., M.S. IN MED.

*Associate in Surgery. Associate in Surgery, University Hospital*

MAURICE MENSCH, M.D.

*Clinical Instructor in Medicine. Associate in Medicine, University and Gallinger hospitals*

WILLIAM MERCHANT, A.B., M.D.

*Clinical Instructor in Medicine. Associate in Medicine, University and Gallinger hospitals*

BENJAMIN FRANK MILLER, B.S., CHEM. ENG., M.D.

*Clinical Professor of Medicine. Associate in Medicine, University Hospital*

RALPH BRETNEY MILLER, M.D.

*Clinical Instructor in Medicine. Associate in Medicine, University Hospital*

MARY BARBARA MILLS, Ph.D.

*Assistant Professor of Biochemistry*

- JOHN MINOR, A.B., M.D.  
*Associate in Medicine. Associate in Medicine, University Hospital*
- REGINALD HENRY MITCHELL, M.D.  
*Clinical Instructor in Pediatrics. Associate in Pediatrics, University Hospital*
- DANIEL BRUCE MOFFETT, A.B., M.D.  
*Professor of Oto-rhino-laryngology. Chief of Service in Oto-rhino-laryngology, University Hospital, Consultant, Gallinger Hospital*
- WILLIAM ROSS MORRIS, M.D.  
*Associate in Surgery. Associate in Surgery, University Hospital*
- ARTHUR JAMES MOUROT, B.S., M.D.  
*Clinical Instructor in Surgery. Associate in Surgery, University Hospital*
- LOUIS PATRICK MUNAN, M.S.  
*Associate in Physiology*
- JAMES PETER MURPHY, B.S., M.D.  
*Associate in Neurological Surgery. Associate in Neurological Surgery, University and Gallinger hospitals*
- FRANCIS JAMES MURRAY, A.B., M.D.  
*Clinical Instructor in Medicine. Associate in Medicine, University Hospital*
- WALTER KENDALL MYERS, B.S., M.D.  
*Assistant Clinical Professor of Medicine. Associate in Medicine, University Hospital*
- WALTER LEWIS NALLS, B.S., M.D.  
*Associate in Medicine. Associate in Medicine, University Hospital*
- CARMON ROBERT NAPLES, B.S., M.D.  
*Clinical Instructor in Ophthalmology. Associate in Ophthalmology, University and Gallinger hospitals*
- CHARLES HENRY NASH, JR., M.D.  
*Adjunct Clinical Professor of Obstetrics and Gynecology. Chief Medical Officer in Obstetrics and Gynecology, Gallinger Hospital*
- ERWIN ELLIS NELSON, M.D., PH.D.  
*Adjunct Clinical Professor of Pharmacology*
- JULIUS SALEM NEVIASER, A.B., M.D.  
*Assistant Clinical Professor of Orthopedic Surgery. Associate in Orthopedic Surgery, University Hospital; Chief of Service in Orthopedic Surgery, Gallinger Hospital*
- JOSEPH NEY, B.S., M.D.  
*Clinical Instructor in Medicine. Associate in Medicine, University and Gallinger hospitals*
- MARGARET MARY NICHOLSON, A.B., M.D.  
*Clinical Professor of Pediatrics. Associate in Pediatrics, University Hospital; Senior Attending Physician in Pediatrics, Gallinger Hospital*
- AARON NIMETZ, A.B., M.D.  
*Assistant Clinical Professor of Pediatrics. Associate in Pediatrics, University Hospital*

GEORGE NORDLINGER, A.B., M.D.

*Associate Clinical Professor of Obstetrics and Gynecology. Associate in Obstetrics and Gynecology, University Hospital; Chief of Service in Obstetrics, Gallinger Hospital*

JOEL NORTON NOVICK, M.S., M.D.

*Clinical Instructor in Oto-rhino-laryngology. Associate in Oto-rhino-laryngology, University and Gallinger hospitals*

ROGER O'DONNELL, Jr., A.B., M.D.

*Associate in Obstetrics and Gynecology. Associate in Obstetrics and Gynecology, University Hospital*

BENNET OLSHAKER, M.D.

*Clinical Instructor in Pediatrics. Associate in Pediatrics, University and Gallinger hospitals*

CHARLES WILLIAM ORDMAN, A.B., M.D.

*Associate in Medicine. Associate in Medicine, University Hospital*

GILBERT OTTENBERG, A.M., M.D.

*Associate in Urology. Associate in Urology, University and Gallinger hospitals*

WINFRED OVERHOLSER, A.B., M.D., Sc.D.

*Professor of Psychiatry. Chief of Service in Psychiatry, University Hospital; Consultant in Psychiatry, Gallinger Hospital*

HELEN PALLISTER, Ph.D.

*Clinical Psychologist, Department of Psychiatry*

EDWIN PEARSON PARKER III, B.S., M.D.

*Clinical Instructor in Medicine. Associate in Medicine, University and Gallinger hospitals*

HOWARD POPE PARKER, A.B., M.D.

*Associate in Obstetrics and Gynecology. Associate in Obstetrics and Gynecology, University Hospital*

KATHERINE ELIZABETH PARKER, A.M., M.D.

*Clinical Instructor in Obstetrics and Gynecology. Associate in Obstetrics and Gynecology, University Hospital*

JOHN PARKS, M.S., M.D.

*Professor of Obstetrics and Gynecology. Chief of Service in Obstetrics and Gynecology, University and Gallinger hospitals*

LELAND WILBUR PARR, Ph.D.

*Professor of Bacteriology. Consultant in Bacteriology, University Hospital*

JOHN HOWELL PEACOCK, B.S., M.D.

*Clinical Instructor in Pediatrics. Associate in Pediatrics, University Hospital*

JED WILLIAMS PEARSON, Jr., A.B., M.D.

*Clinical Instructor in Obstetrics and Gynecology. Associate in Obstetrics and Gynecology, University Hospital; Chief of Service in Obstetrics, Gallinger Hospital*



- THOMAS MARTIN PEERY, A.B., M.D.  
Professor of Pathology. Director of Postgraduate Instruction; Director of Laboratories, University Hospital
- THOMAS JOSEPH PEKIN, M.D.  
Clinical Instructor in Medicine. Associate in Medicine, University Hospital
- LEONARD THEODORE PETERSON, A.B., B.S., M.D.  
Assistant Clinical Professor of Orthopedic Surgery. Chief of Service in Orthopedic Surgery, University Hospital; Associate in Orthopedics, Gallinger Hospital
- JOSEPH MICHAEL PISANI, A.B., M.D.  
Clinical Instructor in Medicine. Associate in Medicine, University Hospital
- LOIS IRENE PLATT, A.B., M.D.  
Clinical Instructor in Surgery (Cancer Cytology). Associate in Surgery, University Hospital
- ANDREW GABRIEL PRANDONI, B.S., M.D.  
Associate in Medicine. Associate in Medicine, University and Gallinger hospitals
- NEEL JACK PRICE, B.S., M.D.  
Clinical Instructor in Obstetrics and Gynecology. Associate in Obstetrics and Gynecology, University Hospital; Associate in Gynecology, Gallinger Hospital
- MAURICE PROTAS, A.B., M.D.  
Associate in Medicine. Associate in Medicine, University Hospital
- LAWRENCE ELIAS PUTNAM, A.B., M.D.  
Associate in Medicine. Associate in Medicine, University Hospital
- PAUL STIRLING PUTZKI, M.D.  
Clinical Professor of Surgery. Associate in Surgery, University Hospital
- BORIS RABKIN, A.B., M.D.  
Clinical Instructor in Medicine. Associate in Medicine, University Hospital
- ELIZABETH MAPLEDEN RAMSEY, A.B., M.D.  
Professorial Lecturer in Pathology
- HERBERT PERCY RAMSEY, A.B., M.D.  
Clinical Professor of Obstetrics and Gynecology. Associate in Obstetrics and Gynecology, University Hospital
- HENRY RAPPAPORT, M.D.  
Professorial Lecturer in Pathology
- ADRIAN RECINOS, Jr., B.S., M.D.  
Clinical Instructor in Pediatrics. Associate in Pediatrics, University Hospital
- JOHN ALTON REED, A.B., M.D.  
Assistant Clinical Professor of Medicine. Associate in Medicine, University Hospital
- FREDERICK A. REUTER, M.D.  
Professor of Urology. Chief of Service in Urology, University Hospital; Consultant in Urology, Gallinger Hospital

JACK JACOB RHEINGOLD, A.B., M.D.

*Clinical Instructor in Medicine. Associate in Medicine, University and Gallinger hospitals*

MARION BALLARD RICHMOND, B.S., M.D.

*Clinical Instructor in Neurology. Associate in Neurology, University and Gallinger hospitals*

DUANE CASE RICHTMEYER, A.B., M.D.

*Clinical Instructor in Surgery. Associate in Surgery, University and Gallinger hospitals*

BARTON WINTERS RICHWINE, M.D.

*Associate in Obstetrics and Gynecology. Associate in Obstetrics and Gynecology, University Hospital; Chief of Service in Obstetrics, Gallinger Hospital.*

ARCH LOCKHART RIDDICK, B.S., M.D.

*Clinical Professor of Surgery. Associate in Surgery, University Hospital*

HUGO VICTOR RIZZOLI, A.B., M.D.

*Associate in Neurological Surgery. Associate in Neurological Surgery, University Hospital*

MARY LOUISE ROBBINS, Ph.D.

*Assistant Professor of Bacteriology*

JOSEPH HYRAM ROE, Ph.D.

*Professor of Biochemistry. Consultant in Biochemistry, University Hospital*

FLOYD STERLING ROGERS, M.D.

*Associate in Obstetrics and Gynecology. Associate in Obstetrics and Gynecology, University Hospital; Chief of Service in Gynecology, Gallinger Hospital*

AUSTIN BERTRAM ROHRBAUGH, JR., M.D.

*Clinical Instructor in Orthopedic Surgery. Associate in Orthopedic Surgery, University and Gallinger hospitals*

RUFUS MARTIN ROLL, A.B., M.D.

*Associate in Obstetrics and Gynecology. Associate in Obstetrics and Gynecology, University Hospital*

MONROE JAMES ROMANSKY, A.B., M.D.

*Associate Professor of Medicine. Associate in Medicine, University and Gallinger hospitals; Assistant Director of Laboratories, University Hospital*

WALTER JOSEPH ROMEJKO, M.D.

*Clinical Instructor in Ophthalmology. Associate in Ophthalmology, University Hospital.*

MORTON HAROLD ROSE, M.D.

*Clinical Instructor in Medicine. Associate in Medicine, University and Gallinger hospitals*

ARTHUR ROSENBAUM, B.S., M.D.

*Clinical Instructor in Medicine. Associate in Medicine, University and Gallinger hospitals*

MORRIS HIRSH ROSENBERG, A.B., M.D.

*Clinical Instructor in Medicine. Associate in Medicine, University and Gallinger hospitals*

- LOUIS ROSS, M.D.  
Clinical Instructor in Medicine. Associate in Medicine, University Hospital
- MARSHALL DE GRAFFENRIED RUFFIN, B.S., M.D.  
Assistant Clinical Professor of Psychiatry. Associate in Psychiatry, University Hospital
- ALEXANDER LESUEUR RUSSELL, M.D.  
Clinical Instructor in Obstetrics and Gynecology. Associate in Obstetrics and Gynecology, University Hospital
- THOMAS STONE SAPPINGTON, A.B., M.D.  
Clinical Instructor in Medicine. Associate in Medicine, University and Gallinger hospitals
- MARY KATHERINE LAURENCE SARTWELL, A.B., M.D.  
Clinical Instructor in Pediatrics. Associate in Pediatrics, University and Gallinger hospitals
- LEROY LEE SAWYER, A.B., M.D.  
Assistant Clinical Professor of Oto-rhino-laryngology. Associate in Oto-rhino-laryngology, University and Gallinger hospitals
- ROYD RAY SAYERS, A.M., M.D.  
Professorial Lecturer on Industrial Hygiene
- NORMAN SCHENKER, M.D.  
Clinical Instructor in Medicine. Associate in Medicine, University Hospital
- HERBERT HERMANN SCHOENFELD, M.D.  
Associate Clinical Professor of Surgery. Associate in Surgery, University Hospital
- CYRIL AUGUSTUS SCHULMAN, B.S., M.D.  
Clinical Instructor in Medicine. Associate in Medicine, University Hospital
- RAYMOND SCHWARTZ, A.B., M.D.  
Clinical Instructor in Medicine, Associate in Medicine, University Hospital
- KLAUS SCHWARZ, M.D.  
Associate in Biochemistry
- WILLIAM HENRY SEBRELL, Jr., M.D.  
Professorial Lecturer on Nutrition
- SAM FOSTER SEELEY, B.S., B.M., M.D.  
Adjunct Clinical Professor of Surgery
- GEORGE DURWARD SELBY, A.B., M.D.  
Clinical Instructor in Ophthalmology. Associate in Ophthalmology, University Hospital
- ALVIN SELTZER, B.S., M.D.  
Clinical Instructor in Medicine. Associate in Medicine, University Hospital
- HYMAN DAVID SHAPIRO, M.D.  
Associate Clinical Professor of Neurology. Associate in Neurology, University and Gallinger hospitals



GEORGE SHARPE, A.B., M.D.

*Clinical Instructor in Medicine. Associate in Medicine, University Hospital*

CHRISTOPHER CAMPBELL SHAW, B.S., M.D.

*Associate in Medicine. Associate in Medicine, University Hospital*

SAMUEL HAZEN SHEA, M.D.

*Clinical Instructor in Obstetrics and Gynecology. Associate in Obstetrics and Gynecology, University Hospital; Associate in Gynecology, Gallinger Hospital*

ERNEST ALFRED WATSON SHEPPARD, M.D., C.M.

*Clinical Professor of Ophthalmology. Associate in Ophthalmology, University Hospital*

SAMUEL ALEXANDER SILK, PHAR.G., M.D.

*Associate in Psychiatry. Associate in Psychiatry, University Hospital*

HANS FRANK SMETANA, M.D.

*Professorial Lecturer in Pathology*

BENJAMIN WILLIAMS SMITH, M.S.

*Instructor in Biochemistry*

KENNETH McLANE SMITH, A.B., M.D.

*Associate in Medicine. Associate in Medicine, University Hospital*

PAUL KENNETH SMITH, PH.D.

*Professor of Pharmacology. Consultant in Therapeutics, University and Gallinger hospitals*

LUTHER HENRY SNYDER, A.B., M.D.

*Clinical Instructor in Medicine. Associate in Medicine, University Hospital*

THOMAS BOOTH SPENCER, A.B., M.D.

*Associate in Medicine. Associate in Medicine, University Hospital*

WILLIAM STANBRO, M.D.

*Professor of Radiology, Chief Radiologist, University Hospital, Consultant in Radiology, Gallinger Hospital*

HYMAN ERWIN STEINMAN, M.D.

*Lecturer in Physiology*

CHARLES FREDERICK STIEGLER, A.B., M.D.

*Clinical Instructor in Pediatrics. Associate in Pediatrics, University Hospital*

JOSEPH WILLIAM STILL, M.D., M.P.H.

*Instructor in Physiology*

MYER HAROLD STOLAR, B.S., M.D.

*Associate in Medicine. Associate in Medicine, University and Gallinger hospitals*

MICOLLIUS NOEL STOW, M.D., D.M.S.

*Clinical Instructor in Ophthalmology. Associate in Ophthalmology, University Hospital*

DONALD HARRISON STUBBS, A.M., M.D.

*Clinical Professor of Anesthesiology. Associate in Anesthesiology, University and Gallinger hospitals*

- SAMUEL JACOB NATHAN SUGAR, PHAR.G., M.D.  
Clinical Instructor in Medicine. Associate in Medicine, University and Gallinger hospitals
- SAMUEL ROSS TAGGART, M.D.  
Assistant Clinical Professor of Medicine
- IRENE GORSKI TAMAGNA, M.D.  
Clinical Instructor in Medicine. Associate in Medicine, University and Gallinger hospitals
- NORMAN TAUB, B.S., M.D.  
Associate in Psychiatry. Associate in Psychiatry, University and Gallinger hospitals
- ROBERT GEORGE TAYLOR, M.D.  
Clinical Instructor in Medicine. Associate in Medicine, University Hospital
- WILLIAM DANDRIDGE TERRELL, JR., M.D.  
Clinical Instructor in Obstetrics and Gynecology. Associate in Obstetrics and Gynecology, University Hospital
- LAWRENCE JAY THOMAS, B.S., M.D.  
Associate in Medicine. Associate in Medicine, University Hospital
- CHARLES WATERS THOMPSON, M.D.  
Clinical Instructor in Medicine. Associate in Medicine, University and Gallinger hospitals
- RICHARD KNIGHT THOMPSON, D.D.S.  
Associate in Dental Surgery. Associate in Dental Surgery, University Hospital
- THOMAS CARLTON THOMPSON, B.S., M.D.  
Clinical Professor of Urology. Associate in Urology, University Hospital
- EDWARD KADEN TIERNEY, A.B., M.D.  
Clinical Instructor in Surgery. Associate in Surgery, University Hospital
- GEORGE TIEVSKY, M.D.  
Clinical Instructor in Radiology. Associate in Radiology, University and Gallinger hospitals
- NORMAN HAWKINS TOPPING, A.B., M.D.  
Professorial Lecturer on Rickettsial Diseases
- CARLETON RAYMOND TREADWELL, PH.D.  
Associate Professor of Biochemistry
- JOHN WATKINS TRENIS, A.B., M.D.  
Associate in Medicine. Associate in Medicine, University Hospital
- HARRIET ELIZABETH TWOMBLY, A.B., M.D.  
Associate in Psychiatry. Associate in Psychiatry, University Hospital
- HOMER KING VANN, A.B., M.D.  
Clinical Instructor in Oto-rhino-laryngology. Associate in Oto-rhino-laryngology, University and Gallinger hospitals
- MERTON THEODORE WAITE, M.D.  
Clinical Instructor in Anatomy

**KEENE MANNING WALLACE, M.D.**

*Associate in Radiology. Associate in Radiology, University and Gallinger hospitals*

**DONALD WALTERS, M.D.**

*Clinical Instructor in Obstetrics and Gynecology. Associate in Obstetrics and Gynecology, University Hospital; Associate in Obstetrics, Gallinger Hospital*

**THEODORE JOSEPH WANG, Ph.D.**

*Physicist, Department of Radiology*

**ROBERT ORR WARTHEN, M.D.**

*Clinical Instructor in Pediatrics. Associate in Pediatrics, University and Gallinger hospitals*

**JOHN AUGUSTINE WASHINGTON, A.B., B.S., M.D.**

*Assistant Clinical Professor of Pediatrics. Associate in Pediatrics, University Hospital*

**JAMES WINSTON WATTS, B.S., M.D.**

*Professor of Neurological Surgery. Chief of Neurosurgery, University and Gallinger hospitals*

**WILLIAM JACK WEAVER, JR., A.B., M.D.**

*Clinical Instructor in Medicine. Associate in Medicine, University Hospital*

**GEORGE DAVIS WEICKHARDT, M.D.**

*Clinical Instructor in Neurology. Associate in Neurology, University and Gallinger hospitals*

**JACOB JOSEPH WEINSTEIN, B.S., PHAR.G., M.D.**

*Associate in Surgery. Associate in Surgery, University and Gallinger hospitals*

**RICHARD LEE WHELTON, M.D.**

*Clinical Instructor in Medicine. Associate in Medicine, Gallinger Hospital*

**RUTH HECHLER WICHELHAUSEN, M.D.**

*Associate in Medicine. Associate in Medicine, University and Gallinger hospitals*

**ALLEN WIDOME, M.D.**

*Clinical Instructor in Anesthesiology. Associate in Anesthesiology, University Hospital*

**UTHAI VINCENT WILCOX II, M.D.**

*Clinical Instructor in Radiology. Associate in Radiology, University and Gallinger hospitals*

**RICHARD WALLACE WILKINSON, M.S., M.D.**

*Associate in Ophthalmology. Associate in Ophthalmology, University Hospital*

**WENDELL MELVIN WILLETT, M.D.**

*Associate in Dermatology and Syphilology. Associate in Dermatology and Syphilology, University and Gallinger hospitals*

**JONATHAN MARSHALL WILLIAMS, M.D.**

*Clinical Instructor in Neurological Surgery. Associate in Neurological Surgery, University and Gallinger hospitals*



- THOMAS ASHTON WILSON, M.D.  
*Clinical Instructor in Obstetrics and Gynecology. Associate in Obstetrics and Gynecology, University Hospital*
- IRVING WOLFE WINIK, M.D.  
*Assistant Clinical Professor of Medicine. Associate in Medicine, University and Gallinger hospitals*
- CHARLES SAMUEL WISE, B.S., M.D.  
*Professor of Physical Medicine and Rehabilitation. Director of Physical Medicine and Rehabilitation, University Hospital; Consultant in Physical Medicine, Gallinger Hospital*
- HERBERT DeGRANGE WOLFF, JR., M.D.  
*Clinical Instructor in Urology. Associate in Urology, University Hospital*
- KARL HAYDEN WOOD, Ph.G., D.D.S.  
*Associate in Dental Surgery. Associate in Dental Surgery, University Hospital*
- WILLARD HULL WRIGHT, D.V.M., Ph.D.  
*Professorial Lecturer on Medical Zoology*
- ALVIN CHARLES WYMAN, A.B., M.D.  
*Clinical Instructor in Radiology. Associate in Radiology, University and Gallinger hospitals*
- CLARK HARVEY YEAGER, M.D., Dr.P.H.  
*Professorial Lecturer on Tropical Medicine*
- LEON YOCHELSON, A.B., M.D.  
*Assistant Clinical Professor of Psychiatry. Associate in Psychiatry, University Hospital*
- JOHN PAUL YOUNG, M.D.  
*Clinical Instructor in Medicine. Associate in Medicine, University Hospital*
- HYMAN JOSEPH ZIMMERMAN, A.B., M.D.  
*Clinical Instructor in Medicine. Associate in Medicine, University and Gallinger hospitals*

#### ASSISTANTS

##### ASSISTANTS IN RESEARCH AND INSTRUCTION

- JOHN EDMOND BECHTOLD, A.B., M.D.  
*Research Fellow in Cardiology*
- LEO HERMAN THEODORE BERNSTEIN, Ph.D., M.D.  
*Fellow in Cardiology*
- GUY NEILL BERRY, B.S., M.D.  
*Fellow in Surgery*
- JAMES EDGAR BYRON, A.B.  
*Research Associate in Obstetrics and Gynecology*
- ESTON ROBERT CALDWELL, B.S., M.D.  
*Research Fellow in Infectious Diseases*

- JOSEPH AUGUSTINE CONNOR, J<sub>r.</sub>, M.D.  
*Teaching Fellow in Pulmonary Diseases*
- CHARLOTTE MOOAR DAMRON, M.S.  
*Teaching Fellow in Biochemistry*
- JORGE ARMBRUST LIMA FIGUEIREDO, A.B., M.D.  
*Fellow in Neuropathology*
- SIDNEY FUTTERMAN, B.S.  
*Sanders Fellow in Biochemistry*
- JANET WILSON HARTLEY, B.S.  
*Sanders Fellow in Bacteriology*
- MARJORIE KATHERINE IONTA, B.S.  
*Assistant in Physical Medicine and Rehabilitation*
- PAULA REINES KAISER, M.B., Ch.B., M.D.  
*Fellow in Anesthesiology*
- JOHN McRAE KENNELLY, J<sub>r.</sub>, A.B., M.D.  
*Fellow in Surgery*
- FRANCOIS LARAMÉE, A.B., M.D.  
*Fellow in Pulmonary Diseases*
- EDWARD CLIFFORD McGARRY, A.B., M.D.  
*Fellow in Pathology*
- LOUIS JOSEPH MICHINI, M.S.  
*Sanders Fellow in Bacteriology*
- FRANK NELSON MILLER, B.S., M.D.  
*Fellow in Pathology*
- WARREN GODFREY PREISSER, A.B., M.D.  
*Teaching Fellow in Pediatrics*
- CHARLES HERBERT SPENCER, J<sub>r.</sub>, B.S., M.D.  
*Fellow in Anesthesiology*
- GARRETT MICHAEL SWAIN, M.D.  
*Fellow in Neurology and Neurosurgery*
- CELIA WHITE TABOR, A.B., M.D.  
*Teaching Fellow in Medicine*
- TZE-TUNG TANG, M.S.  
*Sanders Fellow in Biochemistry*
- JAMES RICHARD THISTLETHWAITE, B.S., M.D.  
*Fellow in Surgery*
- BERTHA ELIZABETH VAN GELDEREN, A.B., M.D.  
*Teaching Fellow in Pediatrics*
- DOROTHY EMILY VOSS, Ed.B., R.P.T.T.  
*Assistant in Physical Medicine and Rehabilitation*

RICHARD JEROME WATERS, B.S., M.D.  
*Graduate Assistant in Pathology*

ORLYN HILL WOOD, B.S., M.D.  
*Research Fellow in Cardiology*

TECHNICAL ASSISTANTS

Virginia Lee Blackford, B.S., *Technician in Bacteriology*  
James Crawford Bruce, *Laboratory Assistant in Animal Care*  
Winona Simonsen Jensen, A.B., *Technician in Medicine*  
Clarence Wilbur Miller, *Technician in Pathology*  
Cayetano Nagac, A.B., *Technician in Pathology*  
Janina Maria Gorczyca, *Technician in Neurology*  
Leon Swell, M.S., *Technician in Biochemistry*  
Charles Arthur Toompas, A.B., *Technician in Physiology*

ADMINISTRATIVE ASSISTANTS

Catherine Breen, *Assistant to the Dean of the School of Medicine*  
Sally Brewster Jamieson, A.B., B.S. in L.S., *Assistant Librarian, Medical Library*  
Laura Ellen Stewart, R.R.L., *Assistant in the Medical Library*  
Ella Paris Heard, R.N., *Executive Secretary, Postgraduate Department*  
Caroline Sykes, B.S., *Secretary*  
Margaret Mary Hartnett, *Secretary*  
Virginia Sutton Ringness, *Secretary*  
Alicia Frances Lacy, *Secretary*  
Louree Crossfield, A.B., *Secretary*  
Mary Barbara Pepper, A.B., *Secretary*



## THE SCHOOL OF MEDICINE

### THE FACULTY

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University*  
Walter Andrew Bloedorn, A.M., M.D., Sc.D., *Dean of the School of Medicine*

Thomas Martin Peery, A.B., M.D., *Director of Postgraduate Instruction*

Joseph Hiram Roe, Ph.D., *Professor of Biochemistry*  
Walter Freeman, Ph.D., M.D., *Professor of Neurology*  
Walter Andrew Bloedorn, A.M., M.D., Sc.D., *Professor of Medicine*  
Errett Cyril Albritton, A.B., M.D., *Fry Professor of Physiology*  
Roger Morrison Choisser, B.S., M.D., *Professor of Pathology*  
Leland Wilbur Parr, Ph.D., *Professor of Bacteriology*  
Winfred Overholser, A.B., M.D., Sc.D., *Professor of Psychiatry*  
Frederick A. Reuter, M.D., *Professor of Urology*  
Harry Ford Anderson, M.D., *Professor of Dermatology and Syphilology*  
Daniel Bruce Moffett, A.B., M.D., *Professor of Oto-rhino-laryngology*  
Preston Alexander McLendon, B.S., M.D., *Professor of Pediatrics*  
John Parks, M.S., M.D., *Professor of Obstetrics and Gynecology*  
Brian Blades, A.B., M.D., *Professor of Surgery*  
Paul Kenneth Smith, Ph.D., *Professor of Pharmacology*  
James Winston Watts, B.S., M.D., *Professor of Neurological Surgery*  
Warren Andrew, Ph.D., M.D., *Professor of Anatomy*  
Chester Elwood Leese, Ph.D., *Professor of Physiology*  
Thomas McPherson Brown, A.B., M.D., *Professor of Medicine*  
Angus MacIvor Griffin, Ph.D., *Professor of Bacteriology*  
Ronald Atmore Cox, A.B., M.D., *Professor of Ophthalmology*  
Thomas Martin Peery, A.B., M.D., *Professor of Pathology*  
William Woodrow Stanbro, M.D., *Professor of Radiology*  
Charles Samuel Wise, B.S., M.D., *Professor of Physical Medicine and Rehabilitation*  
Ernest Alfred Watson Sheppard, M.D., C.M., *Clinical Professor of Ophthalmology*  
Radford Brown, M.D., *Clinical Professor of Obstetrics and Gynecology*  
Thomas Carlton Thompson, B.S., M.D., *Clinical Professor of Urology*  
Daniel LeRay Borden, A.M., M.D., *Clinical Professor of Surgery*  
Roscoe Willis Hall, Ph.B., M.D., *Clinical Professor of Psychiatry*  
William Staton Anderson, A.B., M.D., *Clinical Professor of Pediatrics*  
William Herndon Jenkins, M.D., *Clinical Professor of Oto-rhino-laryngology*

Carleton Raymond Treadwell, Ph.D., *Associate Professor of Biochemistry*

Charles Seymour Coakley, M.D., *Associate Professor of Anesthesiology*

Paul Calabrisi, A.M., *Associate Professor of Anatomy*

Victor Frederick Ludewig, A.B., B.S., Superintendent of the University Hospital

## COMMITTEES •

## THE DEAN'S COUNCIL

Joseph Hiram Roe

## Winfred Overholser

## Brian Blades

COMMITTEE ON ADMINISTRATION OF THE UNIVERSITY HOSPITAL AND  
OUTPATIENT DEPARTMENT

John Parks

Walter Andrew Bloedorn, *Chairman*

Thomas McPherson Brown

## Brian Blades

**Victor Frederick Ludewig**

### COMMITTEE ON ADMISSIONS

Brian Blades

John Parks, *Chairman*

John McCallum Evans

## COMMITTEE ON CURRICULUM

Leland Wilbur Parr  
Brian R. Parr

Thomas Martin Peery, *Chairman*

**Brian Blades**

John Parks

Warren Andrew

Thomas McPherson Brown

## COMMITTEE ON GRADUATE STUDIES

John Parks

Errett Cyril Albritton, *Chairman*

Angus MacIvor Griffin

## COMMITTEE ON LIBRARY

John Parks  
Tl

Chester Elwood Leese, *Chairman*

Thomas McPherson Brown  
Carleton P.

## Brian Blades

Carleton Raymond Treadwell

**Thomas Martin Peery**

## Paul Calabrisi

**Victor Frederick Ludewig**

Victor Frederick Ludewig

\* The President of the University and the Dean of the School of Medicine are members ex officio of all committees.

## COMMITTEE ON RESEARCH

Angus MacIvor Griffin, *Chairman*  
 John Parks Brian Blades  
 Paul Kenneth Smith Thomas McPherson Brown  
 Thomas Martin Peery

## COMMITTEE ON SCHOLARSHIP

Joseph Hiram Roe, *Chairman*  
 Leland Wilbur Parr John Parks  
 Warren Andrew Thomas McPherson Brown

## COMMITTEE ON INTERN AND RESIDENT TRAINING

Victor Frederick Ludewig, *Chairman*  
 John Parks Brian Blades  
 Thomas McPherson Brown Thomas Martin Peery

## COMMITTEE ON HOSPITAL PRIVILEGES

Thomas McPherson Brown *Chairman*  
 John Parks Brian Blades

## ADVISORY COMMITTEE ON POSTGRADUATE INSTRUCTION

Thomas Martin Peery *Chairman*  
 Walter Freeman Winfred Overholser  
 Preston Alexander McLendon John Parks  
 Brian Blades Thomas McPherson Brown  
 Clayton Bernard Ethridge

## GENERAL INFORMATION

## INTRODUCTORY

The School of Medicine of The George Washington University was opened in March 1825; of the medical schools now in existence in the United States, it is the eleventh in chronological order of founding. The University Hospital and Dispensary were established in 1898 and made a part of the organization of the School.

The School is a member of the Association of American Medical Colleges and is one of the medical colleges which have been continuously approved by the American Medical Association. The degrees of the School of Medicine are recognized by all state examining boards.



## PLAN OF INSTRUCTION

The work of the School is organized under the following departments: Anatomy; Anesthesiology; Bacteriology, Hygiene, and Preventive Medicine; Biochemistry; Dermatology and Syphilology; Medicine; Military Science and Tactics; Neurology and Neurological Surgery; Obstetrics and Gynecology; Ophthalmology; Oto-rhino-laryngology; Pathology; Pediatrics; Pharmacology; Physical Medicine and Rehabilitation; Physiology; Psychiatry; Radiology; Surgery; and Urology.

The salient features in the method of instruction are thorough laboratory training, demonstrations, and clinical teaching, with recitations and lectures to clarify the many problems presented. Courses of clinical instruction are included in the announcements of the clinical departments. The clinical material in the various hospitals and outpatient departments is utilized to the fullest extent for both clinical instruction and laboratory work.

Each of the first three years of the medical curriculum is divided into two terms of sixteen weeks. First-year students begin their study with a one-week orientation program. The senior year includes, in addition to the two sixteen-week terms, an eight-week summer term. One half of the senior class begins the summer term immediately upon completion of the junior year; the other half begins eight weeks later. Within certain limitations, students may elect the period of attendance and the service of assignment. There are no formal classes or examinations during this period.

## EQUIPMENT AND FACILITIES

*The George Washington University Hospital.*—The hospital, with a capacity of 400 beds, was opened in 1948. This splendid edifice, which is one of the outstanding hospitals in the United States, is completely furnished with the latest and most scientific apparatus and equipment. Its purpose is to supplement existing hospital resources in the District of Columbia for the care of the sick and the injured; the education of physicians, nurses, and technicians; and the advancement of medical knowledge.

The hospital is staffed and controlled by the Faculty of the George Washington University School of Medicine and it provides excellent clinical material for the instruction of medical students. Virtually every specialty in the fields of medicine and surgery has assigned space and equipment in both the outpatient department and the bed-patient section of this modern institution.

*Medical School Building.*—The building housing the School of Medicine is a five-story structure with lecture rooms, classrooms, students'

rooms, and the following laboratories: anatomy, histology and embryology, biochemistry, pathology, and clinical microscopy.

**Laboratories.**—A four-story laboratory building is adjacent to the main medical building. The major laboratories are for bacteriology, hygiene and preventive medicine, and pharmacology. They are fully equipped to enable students to pursue adequately the laboratory courses and to acquire the technical skill necessary in modern clinical and investigative work.

**Research Building.**—The Research Building houses the George Washington University Cancer Clinic; special laboratories of the National Cancer Institute; and special laboratories concerned with the biochemical, pharmacological, and cytological aspects of cancer research; pharmacological laboratories for the synthesis and study of radiocarbon drugs; and other research laboratories of the Biochemistry, Physiology, and Surgery departments.

**Medical Library.**—The Medical Library contains a selected reference collection of more than 10,000 volumes, currently obtains important new medical works, and regularly receives the principal medical journals.

Inter-library loan service is maintained by close cooperation with other medical and scientific libraries throughout Washington and vicinity.

The Medical Library is open from 9:00 A.M. to 9:00 P.M. each class day, Monday through Friday, and from 9:00 A.M. to 1:00 P.M. Saturday.

The Medical Library maintains a branch in Room 6037-A of the University Hospital for reference, research, and inter-library loan service. It is open from 2:00 to 6:00 P.M. Monday through Friday.

#### GOVERNMENT LIBRARIES AND MUSEUMS

The Library of the Surgeon General's Office of the United States Army is the most complete general medical library in the world. In addition to its great collections of medical works, all leading medical periodicals of the world are available. This Library, as well as the Library of Congress, the Public Library, and the many excellent libraries of the various government departments, is available to students and teachers through a service maintained by the Medical School Library.

The Army Institute of Pathology affords opportunity for studying the conditions met in military and general medicine and surgery. Its collection of anatomical and pathological specimens is unequaled in this country. The Museum of Hygiene, the National Museum, the Smithsonian Institution, the Botanic Gardens and the Department of Agriculture all afford opportunities for study in Medicine and its allied sciences.

#### CLINICS

The city of Washington, with about a million inhabitants, provides ample clinical material. The University Hospital and Outpatient De-



partment furnish clinical facilities and a large proportion of the materials studied in the courses in pathology and clinical pathology.

*The University Hospital.*—All clinics are under the supervision of the Dean, who is also Medical Director of the Hospital. This insures the highest possible utilization of available clinical material for teaching purposes and the proper supervision of clinicians and students; it brings the individual student into direct contact with patients and requires him to do, under authoritative supervision, the clinical and laboratory work necessary for diagnosis and treatment; and it permits proper interpretation of the conditions occurring during the progress of cases and promotes the keeping of adequate records. Clinical and clinico-pathological conferences are held in which the history of cases, the physical findings, laboratory records, and the post-mortem pathology when available, are presented and correlated.

*The Outpatient Department.*—The Outpatient Department has clinical facilities for each Service in the Hospital. Fourth-year students are assigned in rotation by section for clinical instruction in the Outpatient Department.

*Cancer Clinic.*—The facilities of the Cancer Detection Clinic are available to medical students. In addition the diagnosis and treatment of various forms of neoplasms are presented. The results of the treatment of neoplasms are evaluated by follow-up studies.

The Helen L. and Mary E. Warwick Memorial, for cancer and allied diseases, was affiliated with The George Washington University in July 1948. The purposes of this clinic are (1) to provide care for cancer patients, through group consultations within a cancer organization, and (2) to provide training for physicians in the field of oncology.

*Gallinger Municipal Hospital.*—Clinical instruction is available in all branches of medicine. A great wealth of clinical material is afforded in this hospital and by ordinance of the municipal authorities of the District of Columbia, members of the Faculty of this School of Medicine, who are nominated by this University, are assigned approximately one-third of the patients for treatment and clinical study. Third-year students serve their clinical clerkships at this institution.

*Childrens Hospital.*—Clinical instruction in pediatrics, dermatology, and orthopedic surgery.

*Emergency Hospital and Central Dispensary.*—Clinical instruction in medicine, surgery, and the specialties.

*St. Elizabeths Hospital.*—Clinical instruction in mental and nervous diseases, medicine, post-mortem work, and gross pathology. This hospital with 6,800 beds, is maintained by the United States Government. The psychiatric clinic is one of the largest in the world.

*Mt. Alto Hospital.*—Clinical instruction in medicine and surgery is



available and fourth-year students are assigned in rotation by sections for clinical clerkships.

*Walter Reed General Hospital.*—Clinical instruction is available in all branches of medicine and surgery. Fourth-year students are assigned in rotation by sections for clinical instruction.

#### ADMISSION

Ninety hours of credit applicable toward a degree in this University or another college of liberal arts and sciences are required for admission to the School of Medicine.

A credit hour represents one class hour or a minimum of two laboratory hours a week for a period of one term of approximately sixteen weeks.

#### PREMEDICAL COLLEGE REQUIREMENTS

##### Ninety Credit Hours

1. Chemistry, sixteen credit hours as follows: (a) eight credit hours in general inorganic chemistry of which at least four credit hours are laboratory work (qualitative analysis may be counted as general inorganic chemistry); (b) eight credit hours or a one-year college course of organic chemistry, including laboratory work.

2. Physics, eight credit hours, of which at least two credit hours are laboratory work. It is recommended that this course be preceded by one in trigonometry.

3. Biology, eight credit hours, of which at least four credit hours are laboratory work. This requirement may be satisfied by a course of eight credit hours in either general biology or zoology, or by four credit hours each in zoology and botany, but not by botany alone.

4. English composition and literature, six credit hours: the usual introductory college course or the equivalent. The student should develop facility in speaking and writing English.

5. Modern foreign language: a reading knowledge, preferably of French or German.

6. Electives. It is recommended that the remaining credit hours required include: (a) comparative vertebrate anatomy; (b) qualitative and quantitative chemical analysis; (c) social science and psychology.

#### ADVANCED STANDING

A student who has satisfactorily attended one or two years at any other approved medical school, and who has the necessary preliminary educational requirements, may be admitted to advanced standing.

APPLICATION FOR ADMISSION

1. Full directions for application will be furnished on request. The applicant should ask the registrar of each college previously attended to send an official transcript of record to the Director of Admissions, The George Washington University. Photostatic copies of credentials without the original signature of the certifying authority are not satisfactory. It is the responsibility of the applicant to see that all credentials are forwarded to the Admissions Office of the University.

2. A recent photograph, with signature, is required of each applicant.

3. As the number of qualified applicants for admission to the School each year far exceeds its capacity, the candidate for admission should secure from the colleges attended completely compiled premedical credentials and send them for evaluation well in advance of the term for which he is applying.

4. Applicants for admission are urged to take the Medical College Attitude Test of the Association of A

1

Correction of Statement  
on page 35 of the School

FEES AND FINANCIAL AID

The following fees have been established effective September 1, 1951

Tuition Fees for the academic year  
Fees for each term are \$

Tuition will be refunded upon withdrawal or dismissal for any cause. Acceptance by the School of a student's fees does not in any way obligate the School to accept the student for any subsequent year, and the right is reserved to drop any student from the School whenever, in the interest of the student or the School, the Faculty deems it advisable to do so.

Because the number of applicants far exceeds the limit of each class, places can be reserved only for those qualified applicants who remit a deposit of \$100 which will be credited toward the tuition of the first term. Under no circumstances will this deposit be refunded.

Credit for work will not be given until, at the completion of a laboratory course, the student has replaced or paid for all articles of equipment or other University property which he has lost, broken, or destroyed. All breakage or loss not directly traceable to an individual student is assessed pro rata.

#### COST OF TEXTBOOKS AND STUDENT EQUIPMENT

The minimum cost of necessary textbooks and student equipment (microscope, drawing materials, glass slides, clinical thermometer, stethoscope, hemocytometer, etc.) is approximately as follows: first year, \$400; second year, \$250; third year, \$90; fourth year, \$80; total, \$820.

A fee of \$1 a term is charged for the use (optional) of a locker.

#### LOAN FUNDS

For information concerning loan funds consult the Chairman of the Committee on Student Loans and Scholarships, The George Washington University.

#### REGULATIONS

*Students in the School of Medicine are subject to, and are expected to familiarize themselves with, the general University regulations stated in the University Catalogue.*

#### ABSENCE

Absence consists in being away from a class or clinic during a scheduled period, entering after the class or clinic has begun, or leaving before either is dismissed.

Excuse for absence due to sickness must be accompanied by a certificate signed by the attending physician and must be filed in the Office of the Dean.

For every unexcused absence a department will deduct one-half of one per cent from the student's final grade in the subject involved.

#### GRADES

The following grading system is used: *A* (90-100); *B* (80-89); *C* (75-79); *D* (65-74) condition; *E* (below 64) failure; *Inc.*, incomplete. The passing grade in each subject is *C*.

A student who is conditioned in any subject will not be advanced until such condition is removed and then only by authority of the Committee on Scholarship. All conditions must be removed at the next make-up examination period provided for this purpose.



### EXAMINATIONS

Examinations, which may be written, oral, or practical, will be held at the end of each term.

A student who fails to appear at a regularly scheduled final examination will not be examined until the next regular examination, except by special permission of the Committee on Scholarship. For make-up examinations to remove conditions, a fee of \$5 will be charged for each subject.

All students in the School of Medicine are required to take Part I and Part II of the National Board Examinations, except that students from those states and foreign countries which do not recognize the National Board may be exempted from Part II by action of the Committee on Scholarship.

### HEALTH ADMINISTRATION

The University maintains a health service that is primarily diagnostic in its intent. It also provides first aid in the event of an emergency.

Medical privileges include: (1) the physical examination of all entering students; (2) three visits by the University physician or surgeon, office or residence (District of Columbia) in any one illness, exclusive of a specialist, surgical operation, laboratory, or X-ray examination; (3) hospitalization, including board and nursing in the University Hospital for not more than one week during any twelve-month period—the necessity to be determined by the Director of Health Administration. The duration of hospitalization period (maximum, one week) is also to be determined by the Director of Health Administration.

This medical benefit does not apply to illness or disability incurred previous to the University term or prior to payment of tuition fees.

The student is allowed, if he so desires, to engage physicians and nurses of his own choice, but when he does so he will be responsible for the fees charged.

Rules: (1) The Director of Health Administration is empowered to limit or deny the medical benefits where, in his discretion, a student has, by his misconduct or breach of the rules of the University, made himself ineligible; (2) the Director of Health Administration has authority to determine the necessity and length of hospitalization; (3) a student who has severed his connection with the University is ineligible for medical benefits.

### PHYSICAL EXAMINATIONS

All first-year students are given a comprehensive physical examination upon admission to the School of Medicine. The students are informed of the findings and advised regarding such measures as will tend to maintain a high standard of health.

In addition medical students benefit from the complete Tuberculosis Case Finding Program which the School has maintained since 1938-39. Under this program all students receive tuberculin tests, X-ray examinations, and such special attention from chest specialists as is necessary to reduce to a minimum the dangers from tuberculosis to which medical students are believed to be subject. Students are immunized against those diseases for which proven prophylactics exist.

#### AWARDS

*John Ordronaux Prize.*—This prize of \$150 is awarded annually to the member of the graduating class of the School of Medicine who has completed the four-year medical course with the highest scholastic standing. In 1949-50 this prize was awarded to Edwin Charles Wood.

*Anna Bartsch Scholarship.*—This scholarship, in the amount of \$500, established in 1946 by Dr. Anna Bartsch-Dunne as a memorial to her mother, Anna Bartsch, is awarded annually to a woman in the School of Medicine "of outstanding scholarship, character, and promise, who intends to make the practice of medicine her life profession." For the year 1950-51 this scholarship was awarded to Doris Katherine Martens.

*Anna Bartsch Internship.*—In memory of her mother, Anna Bartsch, Dr. Anna Bartsch-Dunne established in 1946 a fund to aid in the support of an internship. This aid, in the amount of \$15 a month, is awarded annually to a woman holding an internship in the University Hospital. For the year 1950-51 this internship was awarded to Audrey Connor Kelser.

#### HONOR SOCIETIES

*William Beaumont Medical Society.*—Medical students showing unusual ability are elected by the active members of this society, which was founded to encourage and stimulate individual investigation.

*Howard Kane-A. F. A. King Obstetrical Society.*—The fifteen students in the third and fourth year classes who maintain the highest grades in their work in obstetrics are eligible for membership.

*Smith-Reed-Russell Society.*—Students of the third and fourth years who maintain a scholastic average of 88 per cent are eligible for associate membership.

#### RESERVE OFFICERS' TRAINING CORPS, U. S. ARMY, MEDICAL UNIT

A Medical Unit of the Reserve Officers' Training Corps is established in this School by authority of the Secretary of the Army, and an officer of the Medical Corps of the Army is detailed to the University for supervision and instruction of the unit.

The instruction is divided into two two-year courses, the elementary and the advanced. Each course consists of 90 hours—58 hours of pre-



scribed medical instruction given by the Medical School and 32 hours of military medical instruction. Students who satisfactorily complete the elementary course may, up to the quota allowed by the Department of the Army, enter the advanced course. Students in the advanced course receive, from the Government, a stipend of approximately \$700.

Students in the advanced course are required to complete the course and to attend a summer training period of six weeks.

A student who successfully completes the course is recommended for a commission in the Medical Corps Reserve, if he desires appointment. It is the policy of the Department of the Army to give preference to graduates of this course in the selection for Army internship.

Membership in the Unit, which is voluntary, is open to any physically fit male student who is a citizen of the United States and who is, at the time of enrollment, within the following specified age limits: under 29 years for the elementary course, under 31 years for the advanced course. Veterans with a minimum of six months' service receive credit for the first year of the elementary course; those with a minimum of twelve months' service receive credit for both years of the elementary course.

#### LIVING ACCOMMODATIONS

*Women Students.*—Women students under twenty-one years of age who are enrolled for twelve or more credit hours of academic work in the University must have their residences approved by the Director of Activities for Women before their registrations can be completed. In the Hattie M. Strong Residence Hall, single rooms are \$30 and \$35 a month; double rooms are \$23 and \$28 a month a person. Meals are served at the Student Union. Applications for rooms should be made well in advance. Forms for application, together with detailed information, may be obtained from the Director of Activities for Women.

*Men Students.*—Welling Hall provides double room facilities for 102 students and dining facilities for all residents. Rooms rent for \$24 a month a person. Single and double rooms are provided for 203 students in Draper and Bradley Halls. These are temporary dormitories and residence is restricted to veterans of World War II who are enrolled for a minimum of twelve credit hours of academic work in the University. Single rooms are \$17 a month; double rooms are \$13 a month a person. The University maintains a limited number of temporary apartment units for married veteran students and their families subject to the same requirements for tenancy as above. Meals are served at the Student Union.

Application forms for reservations may be obtained from Director of Activities for Men.



Information concerning private rooming and boarding facilities near the University for women students twenty-one years of age or older and for men students may be obtained at the offices of the Director of Activities for Women and the Director of Activities for Men. The reservation of rooms in private houses must be made by students.

### THE DEGREE OF DOCTOR OF MEDICINE

Upon the satisfactory completion of the requirements of the School of Medicine, the degree of Doctor of Medicine is conferred.

#### REQUIREMENTS FOR THE DEGREE

Every candidate for graduation with the degree of Doctor of Medicine must be at least twenty-one years of age, of reputable character, and free of all indebtedness to the University. He must have satisfied the admission requirements, completed satisfactorily not less than four academic years of study as a matriculated student in Medicine, completed all required courses, and passed satisfactorily all prescribed examinations.

#### COMBINED ARTS AND MEDICINE CURRICULUM

In order to be recommended for the degree of Bachelor of Arts, the candidate must complete at least ninety credit hours of prescribed college work (at least thirty credit hours and one year of residence must be completed in Columbian College, the senior liberal arts college), and the first year of the medical curriculum. Upon satisfactory completion of the fourth year of the medical curriculum the student becomes eligible for the degree of Doctor of Medicine.

#### HONORS

A candidate who has completed the four-year medical course with an average grade of *A* may be recommended for graduation "with distinction."

#### INTERN AND RESIDENT TRAINING PROGRAM

The George Washington University offers twenty internships which are divided into two categories of ten straight medical and ten straight surgical. All interns, regardless of the Service to which they are assigned, will be given a period of training in obstetrics and gynecology.

Accredited resident training will be offered in Anesthesiology, Medicine, Neurology, Obstetrics and Gynecology, Oral Surgery, Pathology, Radiology, and Surgery.

## POSTGRADUATE INSTRUCTION

The School of Medicine offers annually a series of short intensive postgraduate courses, varying somewhat from year to year. The series is designed for physicians in practice. The significant advances in the various specialties are presented, together with summaries of older information. A distinguished Guest Faculty supplements the Staff of the Medical School.

The Kellogg Medical Lectures, inaugurated in 1948, are a series of evening lectures and clinics, designed primarily for physicians practicing in Washington and vicinity. They are also attended by the Faculty, postgraduate students, and members of the senior class of the School of Medicine.

During the academic year 1949-50 approximately 298 physicians were enrolled in postgraduate courses. For application blanks and further information, address the Director of Postgraduate Instruction, The George Washington University Hospital, Washington 7, D. C.

## TECHNICIAN TRAINING COURSES

### ORTHOPTIC TECHNICIAN TRAINING COURSE

A six-month course, of 675 hours of clinical and classroom work, is offered for the training of orthoptic technicians by the Department of Ophthalmology.

### MEDICAL TECHNOLOGIST COURSE

The course for medical technologists consists of twelve consecutive months of didactic and practical work in all phases of clinical laboratory technique. The course meets the full requirements of the Registry of Medical Technologists of the American Society of Clinical Pathologists. Prerequisites are 60 credit hours (two academic years) of college work including required credits in biology and chemistry.

Two classes are accepted each year, one entering in September and the other in March. Enrollment in each class is strictly limited so that personal instruction can be given.

Upon satisfactory completion of the course a certificate is awarded and the candidate is eligible for the certifying examination given by the Registry of Medical Technologists.

For application blanks and further information, address the Director of Laboratories, The George Washington University Hospital, Washington 7, D. C.

## COURSES OF INSTRUCTION

On the following pages of this BULLETIN, under the alphabetically arranged names of the departments of instruction, are listed the courses of instruction offered by the School of Medicine. The School of Medicine serves other divisions of the University by making available to non-medical students certain undergraduate and graduate courses in the following fields: Anatomy, Bacteriology, Biochemistry, Pathology, Pharmacology, Physical Medicine, and Physiology. The courses listed are subject to some slight change. The University reserves the right to withdraw any course announced.

### EXPLANATION OF COURSE NUMBERS AND SYMBOLS

The number which precedes the name of a course indicates the term of the academic year in which the course is offered. An odd number indicates that the course is offered in the fall term; an even number, that it is offered in the winter term; and a double number (e.g., 343-44), that it begins in the fall term and continues in the winter.

A number in parentheses after the name of a course, indicates credit hours which may be earned by nonmedical students.

First-year courses are numbered from 101 to 200; second-year courses, from 201 to 300; third-year courses, from 301 to 400; and fourth-year courses, from 401 to 500.

*Courses offered in the School of Medicine for nonmedical students.*—Courses numbered from 101-200 are planned for upper-division students in undergraduate curricula. They may be credited toward higher degrees only when registration for graduate credit has been approved at the beginning of the course by the dean responsible for the graduate work and by the officer of instruction, and when the completion of additional work has been certified by the officer of instruction. Courses numbered from 201 to 300 are planned for graduate students.



## ANATOMY

Warren Andrew, Ph.D., M.D., *Professor of Anatomy, Executive Officer*  
 Ross Clayton MacCardle, Ph.D., *Professorial Lecturer in Anatomy*  
 Webb Edward Haymaker, M.S., M.D., *Professorial Lecturer in Anat-*  
*omy*

Ellsworth Chapman Alvord, Jr., B.S., M.D., *Professorial Lecturer in Anatomy*

Paul Calabrisi, A.M., *Associate Professor of Anatomy*

Ivor Cornman, Ph.D., *Assistant Research Professor of Anatomy*

Edgar Pleasant Jayne, Ph.D., *Assistant Professor of Anatomy*

Merton Theodore Waite, M.D., *Clinical Instructor in Anatomy*

Wilfred Walter Eastman, M.D., *Clinical Instructor in Anatomy*

### 101-2 *Gross Anatomy* Calabrisi and Staff

Regional dissection of the human body supplemented with lectures and quiz sections. Study of X-ray anatomy to emphasize the functional aspects of the position, shape, and relation of the viscera and skeletal components. Eighteen hours a week, fall term; nine hours a week, winter term.

### 103 *Human Embryology* Andrew and Staff

The origin and development of the human body. Special emphasis on the value of embryology in interpreting anatomical anomalies and variations as seen in gross dissection, surgery, obstetrics, and pathology. Three hours a week.

### 105 *Neuro-anatomy* Haymaker and Staff

The macroscopic and microscopic study of the central nervous system and the special sense organs. Emphasis on such dynamic aspects as development, pathways, lesions, etc. Six hours a week.

### 106 *Microscopic Anatomy* Andrew and Staff

Study of the detailed minute structure of cells, tissues, and organs of the human body with emphasis on the relation of structure to function. Recognition and interpretation of histological sections tested by practical examinations. Six hours a week.

### 201-2 *Seminar (1-1)* Andrew and Staff

Reports and discussions of special topics by the Staff and graduate students. For graduate liberal arts students. Regular medical students are encouraged to attend. One hour a week.

### 295-96 *Research\* (arr.)* Andrew and Staff

Hours and credits to be arranged.

### 299-300 *Thesis\* (3-3)* The Staff

\* Required of all candidates for the degree of Master of Arts and Master of Science in Anatomy.

## ANESTHESIOLOGY

Donald Harrison Stubbs, A.M., M.D., *Clinical Professor of Anesthesiology*  
 Charles Seymour Coakley, M.D., *Associate Professor of Anesthesiology, Executive Officer*  
 Seymour Alpert, A.B., M.D., *Assistant Professor of Anesthesiology*  
 William Eldridge Bageant, M.D., *Clinical Instructor in Anesthesiology*  
 Allen Widome, M.D., *Clinical Instructor in Anesthesiology*  
 Paula Reines Kaiser, M.B., Ch.B., M.D., *Fellow in Anesthesiology*  
 Charles Herbert Spencer, Jr., B.S., M.D., *Fellow in Anesthesiology*

- 320 *Anesthesiology* The Staff  
 Review of basic sciences and correlation between basic sciences and clinical work. One hour a week.
- 351-52 *Anesthesia Seminar* The Staff  
 Third-year students attend anesthesia seminars during their surgical clinical clerkships at the University Hospital. Two hours a week.
- 433-34 *Advanced Anesthesiology* The Staff  
 Fourth-year students are rotated through the work of the department for a period of one week for two students and assigned to work in operating rooms, conferences, and seminars.

## BACTERIOLOGY, HYGIENE, AND PREVENTIVE MEDICINE

Leland Wilbur Parr, Ph.D., *Professor of Bacteriology, Executive Officer*  
 Angus MacIvor Griffin, Ph.D., *Professor of Bacteriology*  
 Ralph Gregory Beachley, M.D., Dr.P.H., *Adjunct Professor of Public Health Practice*  
 Mary Louise Robbins, Ph.D., *Assistant Professor of Bacteriology*  
 William Gray McCarten, M.S., *Instructor in Bacteriology*  
 Lewis Walke McIlhany, M.S., M.D., *Clinical Instructor in Public Health Practice*  
 Louis Joseph Michini, M.S., *Sanders Fellow in Bacteriology*  
 Janet Wilson Hartley, B.S., *Sanders Fellow in Bacteriology*

### SEMINAR LECTURERS

Charles Armstrong, B.S., M.D., Sc.D., *Professorial Lecturer in Preventive Medicine*  
 Rolla Eugene Dyer, A.B., M.D., LL.D., *Professorial Lecturer in Preventive Medicine*  
 Royd Ray Sayers, A.M., M.D., *Professorial Lecturer on Industrial Hygiene*  
 Sara Elizabeth Branham, Ph.D., M.D., Sc.D., *Professorial Lecturer in Preventive Medicine*  
 Chester Wilson Emmons, Ph.D., *Professorial Lecturer on Medical Mycology*  
 Willard Hull Wright, D.V.M., Ph.D., *Professorial Lecturer on Medical Zoology*  
 John Roderick Heller, Jr., B.S., M.D., *Professorial Lecturer on Venereal Disease Control*  
 Carl John Lauter, M.S., *Professorial Lecturer on Municipal Sanitation*  
 Robert Carter Cook, *Professorial Lecturer on Medical Genetics*  
 Robert Hanna Felix, M.D., M.P.H., *Professorial Lecturer on Mental Hygiene*  
 Carl Robert Brewer, Ph.D., *Professorial Lecturer on Microbial Physiology*

### 112 General Bacteriology (4)

Robbins  
 For nonmedical students. A study of the fundamentals of bacteriology, including hygienic applications. Methods of cultivation and control of several groups of microorganisms are studied in the laboratory. Prerequisite: any biological laboratory science; Chemistry 151-52. Laboratory fee, \$7.50. Tues., Thurs., and Sat., 9:10 to 12:00 A.M.



- 209 Medical Microbiology (1-11)** Parr, Griffin  
 Bacteria, rickettsia, viruses, yeasts, molds, protozoa, and metazoa which relate to the health and diseases of man—cultural study of most important forms; methods of diagnosis by microscopic, cultural, immunologic, and animal reactions; theory and methods of immunology; vaccines; serums; antibiotics. Open to suitably prepared graduate students; may be elected as a whole or in part by adding the appropriate letter to the course number, with credit allocated as follows: (a) *Bacteriology*, including rickettsia and viruses (7); (b) *Parasitology*, including medical mycology (3); (c) *Immunology* (1). May be taken by a limited number of candidates for Master's degrees. Laboratory fee, \$1 a credit hour. Time to be arranged.
- 210 Fundamentals of Epidemiology and Public Health (2)** Parr and Staff  
 Sources, modes, and implications of infection and injury. Open to liberal arts graduate students. Prerequisite: Bacteriology 112 or 209. Mon., 2:00 to 4:00 P.M.
- 219-20 Advanced Microbiology (arr.)** Griffin and Staff  
 Special study of advanced methods and current problems in microbiology for suitably qualified students specializing in microbiology. Prerequisite: Bacteriology 112 or 209; Chemistry 151-52 or the equivalent; permission of the instructor. Laboratory fee, \$2.50 a credit hour. Time and credits to be arranged.
- 229 Virus Techniques (3)** Robbins  
 Principal cultural and serological methods used in the study of viruses and rickettsiae. For liberal arts graduate students. Prerequisite: Bacteriology 112 or 209 and permission of the instructor. Laboratory fee, \$10. 1952-53 and alternate years.
- 230 Statistics in Microbiology (3)** Griffin  
 The application of statistical methods to the problems of microbiology. For liberal arts graduate students. Prerequisite: entrance or elementary college algebra. 1951-52 and alternate years.
- 232 Immunological Methods (3)** Griffin  
 Preparation and testing of serological materials. Demonstration of basic serological phenomena. For liberal arts graduate students. Prerequisite: Bacteriology 112 or 209 and permission of the instructor. Laboratory fee, \$6. 1952-53 and alternate years.
- 240 Advanced Epidemiology and Public Health (3)** Parr  
 Conferences, readings, and problems for graduate students dealing with specialized and advanced phases of the topics presented in Bacteriology 210. Prerequisite: Bacteriology 210. 1951-52 and alternate years, time to be arranged.
- 293-94 Staff Seminar (1-1)** The Staff  
 For liberal arts graduate students. Bi-weekly throughout the year. Time to be arranged.

- 295-96 *Research in Bacteriology\** (arr.) The Staff  
Time and credits to be arranged.
- 299-300 *Thesis\** (3-3) The Staff
- 320 *Industrial Hygiene* Sayers  
Lecture course dealing with the basic principles of health maintenance and disease prevention as affected by industry. Two hours a week for three weeks.
- 340 *Health Resources Survey* Beachley and Staff  
A survey of complete medical care from first contact, through laboratory and clinical diagnosis, adequate medical or surgical treatment to full family and community rehabilitation. Case histories assigned junior students with the cooperation and assistance of the clinical departments. Comparison is to be made between care in near-ideal facilities and care in facilities where the student might begin his practice. One hour a week for three weeks and independent research.
- 402 *Public Health Practice* Beachley  
Study of public health practice at national, state, city, and county levels. Public and private agencies. One hour a week for eight weeks.

\* Required of all candidates for the degrees of Master of Arts and Master of Science in Bacteriology.

## BIOCHEMISTRY

Joseph Hiram Roe, Ph.D., *Professor of Biochemistry, Executive Officer*  
 Arnold Kent Balls, Ph.D., *Professorial Lecturer in Biochemistry*  
 William Henry Sebrell, Jr., M.D., *Professorial Lecturer on Nutrition*  
 George Washington Irving, Jr., Ph.D., *Professorial Lecturer on Proteins*  
 Bernard Leonard Horecker, Ph.D., *Professorial Lecturer on Enzymes*  
 Carleton Raymond Treadwell, Ph.D., *Associate Professor of Biochemistry*  
 Mary Barbara Mills, Ph.D., *Assistant Professor of Biochemistry*  
 Benjamin Williams Smith, M.S., *Instructor in Biochemistry*  
 Klaus Schwarz, M.D., *Associate in Biochemistry*  
 Charlotte Mooar Damron, M.S., *Teaching Fellow in Biochemistry*  
 Sidney Futterman, B.S., *Sanders Fellow in Biochemistry*  
 Tze-Tung Tang, M.S., *Sanders Fellow in Biochemistry*

- 113-14 Biochemistry** Roe and Staff  
 Physiological and clinical chemistry for the first-year medical student.  
 Two lectures and two three-hour laboratory periods a week.
- 221-22 Biochemistry (4-4)** Treadwell  
 A lecture and laboratory course for nonmedical students. Prerequisite: Chemistry 22 and 152. Material fee, \$12 a term. Tues. and Thurs., 9:00 to 12:00 A.M. and 1:00 to 2:00 P.M.
- 224 Biochemistry of the Enzymes (1)** Horecker  
 Lecture course dealing with the biochemistry of the enzymes and enzyme reactions. Prerequisite: Biochemistry 113 or 221. Mon., 5:00 P.M.
- 225 Biochemical Preparations (arr.)** The Staff  
 For liberal arts graduate students. Material fee, \$12. Time and credits to be arranged.
- 226 Biochemical Laboratory Methods (arr.)** The Staff  
 For liberal arts graduate students. Material fee, \$12. Time and credits to be arranged.
- 227-28 Biochemistry Seminar (1-1)** Roe  
 The current literature in the field of biochemistry, mainly for graduate students, but open to a limited number of specially qualified medical students. Fri., 4:00 P.M.
- 231 Proteins and Amino Acids (1)** Irving  
 A lecture course for liberal arts graduate students. Prerequisite: Biochemistry 114 or 222. 1951-52 and alternate years, Mon., 5:00 P.M.



- 251 *Carbohydrate Metabolism* (1) Roe  
A lecture course. Prerequisite: Biochemistry 114 or 222. 1952-53  
and alternate years, Sat., 9:00 A.M.
- 261 *Biochemistry of the Lipids* (1) Treadwell  
A lecture course. Prerequisite: Biochemistry 114 or 222. 1951-52  
and alternate years, Sat., 9:00 A.M.
- 295-96 *Research in Biochemistry* (arr.) Roe, Treadwell  
Time and credits to be arranged.
- 299-300 *Thesis\** (3-3) Roe, Treadwell
- 404 *Applied Nutrition* (1) Sebrell  
For senior medical students and graduate students. Lecture course  
upon dietary requirements, deficiency diseases, and therapeutic diets.  
Prerequisite: Biochemistry 113 or 221. Sat., 11:00 A.M.

\* Required of all candidates for the degrees of Master of Arts and Master of Science in the field of Biochemistry.

## DERMATOLOGY AND SYPHILOLOGY

Harry Ford Anderson, M.D., *Professor of Dermatology and Syphilology, Executive Officer*

George William Creswell, A.B., M.D., *Assistant Clinical Professor of Dermatology and Syphilology*

Hayden Kirby-Smith, B.S., M.D., *Assistant Clinical Professor of Dermatology and Syphilology*

Theodore Claremont Chen Fong, M.D., *Associate in Dermatology and Syphilology*

James Quincy Gant, Jr., M.S., M.D., *Associate in Dermatology and Syphilology*

Wendell Melvin Willett, M.D., *Associate in Dermatology and Syphilology*

Reuben Goodman, M.D., *Clinical Instructor in Dermatology and Syphilology*

313-14 *Dermatology and Syphilology* The Staff  
Lectures on diseases of the skin and syphilis. One hour a week.

316 *Neurosyphilis* Fong  
Lectures, clinical demonstrations, and practical diagnostic and therapeutic procedures. One hour a week for eight weeks.

317-18 *Clinic* The Staff  
Case demonstrations, diagnosis, and treatment of skin diseases and syphilis. Three hours a week. Gallinger Hospital.

407-8 *Clinic* The Staff  
Dermatology and syphilology in infants and children. Childrens Hospital. Two hours a week.

409-10 *Clinic* The Staff  
Clinical demonstration, diseases of the skin. Two hours a week. Emergency Hospital.

411-12 *Clinic* The Staff  
Clinical demonstrations, diseases of the skin, and diagnosis and therapy of syphilis. Two hours a week. University Hospital.

## MEDICINE

- Walter Andrew Bloedorn, A.M., M.D., Sc.D., *Professor of Medicine*  
 Thomas McPherson Brown, A.B., M.D., *Professor of Medicine, Executive Officer*  
 Paul Frederick Dickens, M.D., *Clinical Professor of Medicine*  
 Charles Robert Lee Halley, A.B., M.D., *Clinical Professor of Medicine*  
 Benjamin Frank Miller, B.S., Chem. Eng., M.D., *Clinical Professor of Medicine*  
 Clayton Bernard Ethridge, M.D., *Clinical Professor of Medicine*  
 Sol Katz, B.S., M.D., *Adjunct Clinical Professor of Medicine*  
 Louis Katz Alpert, B.S., M.D., *Adjunct Clinical Professor of Medicine*  
 Harry Eagle, A.B., M.D., *Adjunct Clinical Professor of Medicine*  
 Joseph Francis Fazekas, B.S., M.D., *Adjunct Clinical Professor of Medicine*  
 Clark Harvey Yeager, M.D., Dr.P.H., *Professorial Lecturer on Tropical Medicine*  
 Norman Hawkins Topping, A.B., M.D., *Professorial Lecturer on Rickettsial Diseases*  
 Monroe James Romansky, A.B., M.D., *Associate Professor of Medicine*  
 Peter Diacoumis Comanduras, M.D., M.S., *Associate Clinical Professor of Medicine*  
 Walter Kendall Myers, B.S., M.D., *Assistant Clinical Professor of Medicine*  
 John Alton Reed, A.B., M.D., *Assistant Clinical Professor of Medicine*  
 Theodore Judson Abernethy, B.S., M.D., *Assistant Clinical Professor of Medicine*  
 William Travis Gibb, Jr., A.B., M.D., *Assistant Clinical Professor of Medicine*  
 John McCallum Evans, A.B., M.D., *Assistant Clinical Professor of Medicine*  
 Carl Calvin Dauer, A.B., M.D., M.P.H., *Assistant Clinical Professor of Medicine*  
 Roy Hertz, Ph.D., M.D., *Assistant Clinical Professor of Medicine*  
 Alfred Henry Lawton, M.D., Ph.D., *Assistant Clinical Professor of Medicine*  
 Samuel Ross Taggart, M.D., *Assistant Clinical Professor of Medicine*  
 Benjamin Manchester, M.D., *Assistant Clinical Professor of Medicine*  
 Irving Wolfe Winik, M.D., *Assistant Clinical Professor of Medicine*  
 \*Clarence Richard Hartman, A.B., M.D., *Assistant Clinical Professor of Medicine*

\* On national service leave.



Watson William Eldridge, Jr., M.D., *Associate in Medicine*  
Maurice Protas, A.B., M.D., *Associate in Medicine*  
Pearl Holly, M.S., M.D., *Associate in Medicine*  
John Minor, A.B., M.D., *Associate in Medicine*  
Lawrence Jay Thomas, B.S., M.D., *Associate in Medicine*  
James Joseph Feffer, A.B., M.D., *Associate in Medicine*  
Lawrence Elias Putnam, A.B., M.D., *Associate in Medicine*  
John Watkins Trenis, A.B., M.D., *Associate in Medicine*  
Bernard Lauriston Hardin, Jr., A.B., M.D., *Associate in Medicine*  
Albert David Kistin, A.M., M.D., *Associate in Medicine*  
Charles William Ordman, A.B., M.D., *Associate in Medicine*  
Andrew Gabriel Prandoni, B.S., M.D., *Associate in Medicine*  
Ruth Hechler Wichelhausen, M.D., *Associate in Medicine*  
Benjamin Calloway Jones, Jr., M.D., *Associate in Medicine*  
Kenneth McLane Smith, A.B., M.D., *Associate in Medicine*  
Richard Bernard Castell, A.B., M.D., *Associate in Medicine*  
Myer Harold Stolar, B.S., M.D., *Associate in Medicine*  
Sam Thompson Gibson, B.S., M.D., *Associate in Medicine*  
Walter Lewis Nalls, B.S., M.D., *Associate in Medicine*  
Christopher Campbell Shaw, B.S., M.D., *Associate in Medicine*  
Thomas Booth Spencer, A.B., M.D., *Associate in Medicine*  
James Irving Boyd, M.D., *Lecturer in Medicine*  
Elizabeth Harman Hill, M.D., *Instructor in Medicine*  
John Bayne Marbury, M.D., *Clinical Instructor in Medicine*  
Louis Ross, M.D., *Clinical Instructor in Medicine*  
James Theodore Burns, M.D., *Clinical Instructor in Medicine*  
Frederic Dunbar Chapman, A.B., M.D., C.M., *Clinical Instructor in Medicine*  
Irvin Kerlan, B.S., M.D., C.P.H., *Clinical Instructor in Medicine*  
Virginia Patterson Beelar, A.B., M.D., *Clinical Instructor in Medicine*  
Lester Sylvan Blumenthal, A.B., M.D., M.S. in Med., *Clinical Instructor in Medicine*  
Samuel Jacob Nathan Sugar, Phar.G., M.D., *Clinical Instructor in Medicine*  
Charles Edward Law, M.D., *Clinical Instructor in Medicine*  
Joseph Ney, B.S., M.D., *Clinical Instructor in Medicine*  
Emil Herbert Bauerfeld, A.B., M.D., *Clinical Instructor in Medicine*  
Alfred Brigulio, M.D., *Clinical Instructor in Medicine*  
Henry Dunlop Ecker, B.S., M.D., *Clinical Instructor in Medicine*  
John Wilmer Latimer, Jr., M.D., *Clinical Instructor in Medicine*  
Luther Henry Snyder, A.B., M.D., *Clinical Instructor in Medicine*  
Charles Wilson Jones, A.B., M.D., *Clinical Instructor in Medicine*  
Halla Brown, M.D., *Clinical Instructor in Medicine*  
Joseph Beinstein, A.B., M.D., *Clinical Instructor in Medicine*

- Stanley William Kirstein, M.D., *Clinical Instructor in Medicine*  
Ralph Bretney Miller, M.D., *Clinical Instructor in Medicine*  
Thomas Joseph Pekin, M.D., *Clinical Instructor in Medicine*  
Raymond Schwartz, A.B., M.D., *Clinical Instructor in Medicine*  
Robert George Taylor, M.D., *Clinical Instructor in Medicine*  
Charles Waters Thompson, M.D., *Clinical Instructor in Medicine*  
William Frank, M.D., *Clinical Instructor in Medicine*  
Maurice Franks, M.D., *Clinical Instructor in Medicine*  
Thomas Stone Sappington, A.B., M.D., *Clinical Instructor in Medicine*  
James Walling Long, M.D., *Clinical Instructor in Medicine*  
Frank Solomon Bacon, B.S., M.D., *Clinical Instructor in Medicine*  
James Francis Ambury, B.S., M.D., *Clinical Instructor in Medicine*  
William Otis Bailey, Jr., M.D., *Clinical Instructor in Medicine*  
Harry Clark Bates, B.S., M.D., *Clinical Instructor in Medicine*  
Andrew Joseph Brennan, M.D., *Clinical Instructor in Medicine*  
Robert Lee Brickhouse, B.S., M.D., *Clinical Instructor in Medicine*  
Robert Norwood Coale, B.S., M.D., *Clinical Instructor in Medicine*  
Eugene Solomen Gladsden, B.S., M.D., *Clinical Instructor in Medicine*  
Israel Kessler, M.S., M.D., *Clinical Instructor in Medicine*  
Maurice Mensh, M.D., *Clinical Instructor in Medicine*  
Francis James Murray, A.B., M.D., *Clinical Instructor in Medicine*  
Edwin Pearson Parker III, B.S., M.D., *Clinical Instructor in Medicine*  
Jack Jacob Rheingold, A.B., M.D., *Clinical Instructor in Medicine*  
Morris Hirsh Rosenberg, A.B., M.D., *Clinical Instructor in Medicine*  
Hyman Joseph Zimmerman, A.B., M.D., *Clinical Instructor in Medicine*  
Jeanne Cecile Bateman, A.B., M.D., *Clinical Instructor in Medicine*  
Richard Lee Whelton, M.D., *Clinical Instructor in Medicine*  
John William Du Chez, M.D., *Clinical Instructor in Medicine*  
Thomas Lees Hartman, A.M., M.D., *Clinical Instructor in Medicine*  
William Raymond Merchant, A.B., M.D., *Clinical Instructor in Medicine*  
Boris Rabkin, A.B., M.D., *Clinical Instructor in Medicine*  
Morton Harold Rose, M.D., *Clinical Instructor in Medicine*  
George Sharpe, A.B., M.D., *Clinical Instructor in Medicine*  
Irene Gorski Tamagna, M.D., *Clinical Instructor in Medicine*  
Warren Daniel Brill, B.S., M.D., *Clinical Instructor in Medicine*  
Frederick Warren Coe, B.S., M.D., *Clinical Instructor in Medicine*  
Joseph Michael Pisani, A.B., M.D., *Clinical Instructor in Medicine*  
Marvin Fuchs, B.S., M.D., *Clinical Instructor in Medicine*  
Frank Goodnow MacMurray, A.B., M.D., *Clinical Instructor in Medicine*  
William Jack Weaver, Jr., A.B., M.D., *Clinical Instructor in Medicine*  
Ruth Boschwitz Benedict, A.B., M.D., *Clinical Instructor in Medicine*  
Cyril Augustus Schulman, B.S., M.D., *Clinical Instructor in Medicine*  
Louis Aleck Craig, Jr., A.B., M.D., *Clinical Instructor in Medicine*

Abraham Wolffe Danish, A.B., M.D., *Clinical Instructor in Medicine*  
 Milton Gusack, A.B., M.D., *Clinical Instructor in Medicine*  
 William Lewis, M.D., *Clinical Instructor in Medicine*  
 Norman Schenker, M.D., *Clinical Instructor in Medicine*  
 John Paul Young, M.D., *Clinical Instructor in Medicine*  
 Arthur Rosenbaum, B.S., M.D., *Clinical Instructor in Medicine*  
 Alvin Seltzer, B.S., M.D., *Clinical Instructor in Medicine*  
 John Edmund Bechtold, A.B., M.D., *Research Fellow in Cardiology*  
 Leo Herman Theodore Bernstein, Ph.D., M.D., *Fellow in Cardiology*  
 Eston Robert Caldwell, B.S., M.D., *Research Fellow in Infectious Diseases*  
 Joseph Augustine Connor, Jr., M.D., *Teaching Fellow in Pulmonary Diseases*  
 Francois Laramée, A.B., M.D., *Fellow in Pulmonary Diseases*  
 Celia White Tabor, A.B., M.D., *Teaching Fellow in Medicine*  
 Orlyn Hill Wood, B.S., M.D., *Research Fellow in Cardiology*

### 132 *History of Medicine*

One hour a week.

The Staff

### 236 *Clinical Microscopy*

Conferences and studies in the clinical application of laboratory examinations of blood, body fluids, exudates, and excreta. Three hours a week.

The Staff

### 241 *Physical Diagnosis I*

Theoretical considerations of the principles of physical diagnosis. One hour a week.

The Staff

### 242 *Physical Diagnosis II*

Covers not only theoretical but practical application of physical diagnosis as related to examination of patients. Six hours a week.

The Staff

### 244 *Introduction to Medicine*

Lectures covering the principles of internal medicine preparatory to clinical studies and training in the inpatient and outpatient services. Four hours a week.

The Staff

### 320 *Medical Jurisprudence*

Lectures on the legal and ethical rights of physicians, and on the legal problems with which the physician comes in contact. One hour a week for sixteen weeks.

The Staff

### 325-26 *Clinical Clerkships*

Training with bed patients under individual instruction designed to develop ability in examination of patients and case taking as well as practice in clinical microscopy. Eight weeks.

The Staff



- 327-28 *Clinical Pathological Conferences I* Brown, Choisser  
Required in the third year. Correlation of clinical and post-mortem findings: detailed case description from the clinical point of view followed by demonstrations of post-mortem findings. One hour a week.
- 339-40 *Therapeutic Conferences I* Staff of Medicine and Pharmacology  
Conferences designed to emphasize the application of pharmacological principles to the problems of clinical medicine. One hour a week.
- 349-50 *Medical Conferences* The Staff  
Two hours a week.
- 421-22 *Outpatient Clinics* The Staff  
Individual case studies under personal supervision of the Staff. Daily clinics on current medical problems and seminars stressing physiological aspects of diseases. Individual examinations and instruction in medical specialties. University and Emergency hospitals. Eight weeks.
- 423-24 *Clinical Clerkship* The Staff  
Available at the University, Emergency, Mt. Alto, and Walter Reed hospitals. Eight weeks.
- 427-28 *Clinical Pathological Conferences II* Brown, Choisser  
Required in the fourth year. Continuation of 327-28. One hour a week, in rotation.
- 439-40 *Therapeutic Conferences II* Staff of Medicine and Pharmacology  
Continuation of 339-40. One hour a week.

## MILITARY SCIENCE AND TACTICS \*

Joseph Augustine Connor, Jr., M.D., Major, Medical Corps, United States Air Force, *Professor of Military Science and Tactics, Executive Officer*

### 129-30 *Elementary Course, Senior Division ROTC* Connor (First Year)

World situation, national defense, and ROTC (3); military obligations of citizenship (1); organization of the Army (10); organization of the Medical Department (5); courtesies and customs of the Service (2); military law (4); military training (2); medical military history (1); military administration (3); examination and discussion (1).

### 247-48 *Elementary Course, Senior Division ROTC* Connor (Second Year)

World situation, national defense, and ROTC (3); organization and employment of medical service of field army (5); duties of the surgeon (3); medical service, zone of communications (3); medical service, zone of interior (3); medical supply (3); introduction to map reading (4); health and national security (2); first aid, bandaging, and splinting (5); examination and discussion (1).

### 329-30 *Advanced Course, Senior Division ROTC* ‡ Connor (First Year)

World situation, national defense, and ROTC (3); military preventive medicine (20); field medicine and surgery (6); army graduate professional education program (1); army career (1); examination and discussion (1).

### 429-30 *Advanced Course, Senior Division ROTC* ‡ Connor (Second Year)

World situation, national defense, and ROTC (3); military preventive medicine (11); medical aspects of atomic warfare (2); medical aspects of chemical warfare (2); military psychiatry (5); personnel management (3); military medical research development (3); organized reserve corps (1); mobilization (1); examination and discussion (1).

\* Figures in parenthesis indicate the number of hours devoted to the subject.  
‡ Students in the advanced course are selected from those who satisfactorily complete the elementary course, or have one year active federal service.

## NEUROLOGY AND NEUROLOGICAL SURGERY

Walter Freeman, Ph.D., M.D., *Professor of Neurology, Executive Officer*

James Winston Watts, B.S., M.D., *Professor of Neurological Surgery*

Hyman David Shapiro, M.D., *Associate Clinical Professor of Neurology*

Robert Henry Groh, B.S., M.D., *Assistant Clinical Professor of Neurology*

Paul Chodoff, A.B., M.D., *Associate in Neurology*

James Peter Murphy, B.S., M.D., *Associate in Neurological Surgery*

Hugo Victor Rizzoli, A.B., M.D., *Associate in Neurological Surgery*

John McNERney, M.D., *Associate in Neurological Surgery*

George Davis Weickhardt, M.D., *Clinical Instructor in Neurology*

Jonathan Marshall Williams, M.D., *Clinical Instructor in Neurological Surgery*

Oscar Legault, A.B., M.D., *Clinical Instructor in Neurology*

John William Kemble, A.B., M.D., *Clinical Instructor in Neurology*

Marion Ballard Richmond, B.S., M.D., *Clinical Instructor in Neurology*

Jorge Armorst Lima Figueiredo, A.B., M.D., *Fellow in Neurology*

Garrett Michael Swain, M.D., *Fellow in Neurology and Neurosurgery*

### 249 *Neuropathology (elective)* Freeman, Legault

Gross and microscopic preparation of human pathology. Lectures and laboratory demonstrations. One hour a week.

### 250 *Neurology* Freeman, Shapiro

Introductory lectures on clinical neurology with specimens, lantern slides, and motion pictures. One hour a week.

### 331 *Neurology and Neurological Surgery* Shapiro, Watts

Clinical lectures and demonstrations. One hour a week.

### 333-34 *Neurology and Neurological Surgery, Clinical Clerkship* Freeman and Staff

Instruction in history, physical examination, ordinary clinical procedures. Attendance at neurological operations. Gallinger Hospital. Six students in rotation, two weeks.

### 335-36 *Neurological Conference* Freeman and Staff

Clinical conference one afternoon a week followed by clinicopathologic study of specimens from current necropsies. Gallinger Hospital. Two and one-half hours a week.

### 431-32 *Neurology and Neurological Surgery Clinic* Rizzoli and Staff

Neurological outpatient clinic. Consultation of staff on ambulatory cases, demonstration of diagnostic procedures, disposition of neuro-psychiatric cases. University Hospital. Two hours a week.



## OBSTETRICS AND GYNECOLOGY

- John Parks, M.S., M.D., *Professor of Obstetrics and Gynecology,  
Executive Officer*
- Radford Brown, M.D., *Clinical Professor of Obstetrics and Gynecology*
- Jacob Kotz, M.D., *Clinical Professor of Obstetrics and Gynecology*
- Henry Lauran Darner, A.B., M.D., *Clinical Professor of Obstetrics  
and Gynecology*
- Herbert Percy Ramsey, A.B., M.D., *Clinical Professor of Obstetrics  
and Gynecology*
- Charles Henry Nash, Jr., M.D., *Adjunct Clinical Professor of Obstet-  
rics and Gynecology*
- Robert Henry Barter, M.D., *Associate Professor of Obstetrics and  
Gynecology*
- George Nordlinger, A.B., M.D., *Associate Clinical Professor of Ob-  
stetrics and Gynecology*
- Laurence Lee Cockerille, M.D., *Assistant Clinical Professor of Ob-  
stetrics and Gynecology*
- Samuel Mayer Dodek, A.M., M.D., *Assistant Clinical Professor of  
Obstetrics and Gynecology*
- Russel Jon Jansen, M.D., *Associate in Obstetrics and Gynecology*
- Howard Pope Parker, A.B., M.D., *Associate in Obstetrics and Gynecology*
- Roger O'Donnell, Jr., A.B., M.D., *Associate in Obstetrics and Gynecology*
- Clayton Howard Hixson, M.D., *Associate in Obstetrics and Gynecology*
- Henry John Russell McNitt, B.S. in Med., M.D., *Associate in Obstet-  
rics and Gynecology*
- James Albert Dusbabek, M.D., *Associate in Obstetrics and Gynecology*
- Clarence Kendall Fraser, Ph.B., M.D., *Associate in Obstetrics and  
Gynecology*
- Barton Winters Richwine, M.D., *Associate in Obstetrics and Gynecology*
- Jeremiah Keith Cromer, M.D., *Associate in Obstetrics and Gynecology*
- Floyd Sterling Rogers, M.D., *Associate in Obstetrics and Gynecology*
- Rufus Martin Roll, A.B., M.D., *Associate in Obstetrics and Gynecology*
- Katherine Elizabeth Parker, A.M., M.D., *Clinical Instructor in Ob-  
stetrics and Gynecology*
- William Dandridge Terrell, Jr., M.D., *Clinical Instructor in Obstetrics  
and Gynecology*

- Julius Robert Epstein, M.D., *Clinical Instructor in Obstetrics and Gynecology*  
 Morton Selwyn Kaufman, A.B., M.D., *Clinical Instructor in Obstetrics and Gynecology*  
 Caroline Jackson, A.M., M.D., *Clinical Instructor in Obstetrics and Gynecology*  
 William Thurston Lady, M.D., *Clinical Instructor in Obstetrics and Gynecology*  
 Jed Williams Pearson, Jr., A.B., M.D., *Clinical Instructor in Obstetrics and Gynecology*  
 Samuel Hazen Shea, M.D., *Clinical Instructor in Obstetrics and Gynecology*  
 Thomas Miles Leonard, Ph.B., M.D., *Clinical Instructor in Obstetrics and Gynecology*  
 Albert Seymour Bright, M.D., *Clinical Instructor in Obstetrics and Gynecology*  
 Shirley Sue Martin, M.D., *Clinical Instructor in Obstetrics and Gynecology*  
 Neel Jack Price, B.S., M.D., *Clinical Instructor in Obstetrics and Gynecology*  
 Roland Essig Bieren, M.D., *Clinical Instructor in Obstetrics and Gynecology*  
 Alexander Le Sueur Russell, M.D., *Clinical Instructor in Obstetrics and Gynecology*  
 Donald Walters, M.D., *Clinical Instructor in Obstetrics and Gynecology*  
 Thomas Ashton Wilson, M.D., *Clinical Instructor in Obstetrics and Gynecology*  
 Pete Commings, B.S., M.D., *Clinical Instructor in Obstetrics and Gynecology*  
 James Edgar Byron, A.B., *Research Associate in Obstetrics and Gynecology*

54 *Normal Obstetrics*

Fraser, Dodek

Lectures and demonstrations on the physiology and management of normal pregnancy. One hour a week.

337-38 *Abnormal Obstetrics*

Nordlinger, Parks

Lectures and demonstrations on the complications of pregnancy. One hour a week.

343 *Gynecology*

Brown, Barter

Lectures and demonstrations on the principles of gynecology. One hour a week.

- 344 *Operative Gynecology and Marriage Counseling* Darner, Ramsey, Nordlinger  
Lectures and demonstrations on the principles of operative gynecology, marriage counseling, and planned parenthood. One hour a week.
- 401-2 *Manikin Demonstrations* Lady, Martin, Wilson  
The mechanism of labor and various types of operative delivery demonstrated to sections of the class in weekly sessions.
- 441-42 *Clinical Obstetrics* Parks, Barter  
Senior students participate in prenatal and postnatal clinic care; make postpartum home calls; observe the course of labor and deliver patients under supervision; attend biweekly departmental conferences and daily ward rounds in the University and Gallinger hospitals.
- 443-44 *Clinical Gynecology* Parks, Barter  
Senior students observe and participate in the gynecological work of clinics, operating rooms, and gynecological services of the University and Gallinger hospitals.



## OPHTHALMOLOGY

- Ronald Atmore Cox, A.B., M.D., *Professor of Ophthalmology, Executive Officer*
- Ernest Alfred Watson Sheppard, M.D., C.M., *Clinical Professor of Ophthalmology*
- Richard Wallace Wilkinson, M.S., M.D., *Associate in Ophthalmology*
- Sterling Bockoven, M.D., *Associate in Ophthalmology*
- Carmon Robert Naples, B.S., M.D., *Clinical Instructor in Ophthalmology*
- James Spencer Dryden, M.D., *Clinical Instructor in Ophthalmology*
- Micollus Noel Stow, M.D., D.M.S., *Clinical Instructor in Ophthalmology*
- Walter Joseph Romejko, M.D., *Clinical Instructor in Ophthalmology*
- William Paxson Chalfant, Jr., M.D., *Clinical Instructor in Ophthalmology*
- William Joseph Graham Davis, A.B., M.D., *Clinical Instructor in Ophthalmology*
- Robert Edward duPrey, M.S., M.D., *Clinical Instructor in Ophthalmology*
- George Durward Selby, A.B., M.D., *Clinical Instructor in Ophthalmology*

### 351-52 Ophthalmology

The Staff

A lecture course presenting the principles of ophthalmology, with special reference to topics of importance to the general practitioner. One hour a week for sixteen weeks.

### 447 Clinic

The Staff

During medical outpatient service, each student is given individual instruction in the ophthalmological aspects of systematic disease.

## OTO-RHINO-LARYNGOLOGY

- Daniel Bruce Moffett, A.B., M.D., *Professor of Oto-rhino-laryngology, Executive Officer*  
 William Herndon Jenkins, M.D., *Clinical Professor of Oto-rhino-laryngology*  
 Leroy Lee Sawyer, Jr., A.B., M.D., *Assistant Clinical Professor of Oto-rhino-laryngology*  
 Aubrey David Fischer, M.D., *Associate in Oto-rhino-laryngology*  
 Joel Norton Novick, M.S., M.D., *Clinical Instructor in Oto-rhino-laryngology*  
 Homer King Vann, A.B., M.D., *Clinical Instructor in Oto-rhino-laryngology*  
 Catharine Birch, A.B., M.D., *Clinical Instructor in Oto-rhino-laryngology*  
 James Jerry McFarland, Jr., B.S., M.D., *Clinical Instructor in Oto-rhino-laryngology*  
 Edward Clifford Jennings, B.S., M.D., *Clinical Instructor in Oto-rhino-laryngology*

- 451 *Oto-rhino-laryngology* Moffett, Jenkins  
 Lectures and demonstrations on anatomy, physiology, and diseases of the ear, nose, and throat. One hour a week.
- 454 *Bronchoscopy* Davis  
 A series of lectures on the fundamental principles and the use of instruments, including both the bronchoscope and esophagoscope. One hour a week for two weeks.
- 456 *Clinic* The Staff  
 Practical clinical instruction in the diagnosis and treatment of diseases of the ear, nose, and throat. University Hospital. One and one-half hours twice a week.

## PATHOLOGY

Roger Morrison Choisser, B.S., M.D., *Professor of Pathology, Executive Officer*  
 Thomas Martin Peery, A.B., M.D., *Professor of Pathology*  
 Robert Pelley Hill, B.S., M.D., *Assistant Professor of Pathology*  
 Edward Clifford McGarry, A.B., M.D., *Fellow in Pathology*  
 Frank Nelson Miller, B.S., M.D., *Fellow in Pathology*

### SEMINAR LECTURERS

Elson Bowman Helwig, B.S., M.D., *Professorial Lecturer in Pathology*  
 Hans Frank Smetana, M.D., *Professorial Lecturer in Pathology*  
 Henry Rappaport, M.D., *Professorial Lecturer in Pathology*  
 James Earle Ash, Jr., M.D., *Professorial Lecturer in Pathology*  
 Elizabeth Maplesden Ramsey, A.B., M.D., *Professorial Lecturer in Pathology*  
 Virgil Heath Cornell, M.D., Dr.P.H., *Professorial Lecturer in Pathology*

259-60 *Pathology* Choisser and Staff  
 Malformations, inflammations, degenerations, and neoplasms; special pathology of the organs and specific diseases. The laboratory work consists of the gross and microscopic study of diseased tissues. Necropsies are held regularly at the University and Gallinger hospitals.

307 *Necropsy (elective)* The Staff  
 Students assist in the performance of necropsies. Fresh gross specimens and microscopic sections from each case are presented at weekly conferences. Current literature relating to cases is reviewed and presented by the students.

327-28 *Clinical Pathological Conference* Choisser, Brown  
 Required in the third and fourth years. Case histories are presented and discussed by members of the staff and student body; necropsy and clinical findings are compared, and gross and microscopic specimens examined. One hour a week.

460 *Research (arr.)* Choisser  
 Open to qualified nonmedical students. Hours and credits to be arranged.



## PEDIATRICS

Preston Alexander McLendon, B.S., M.D., *Professor of Pediatrics, Executive Officer*

Margaret Mary Nicholson, A.B., M.D., *Clinical Professor of Pediatrics*  
Edward Lewis, M.D., *Clinical Professor of Pediatrics*

William Staton Anderson, A.B., M.D., *Clinical Professor of Pediatrics*  
Leroy Hoeck, M.D., *Adjunct Clinical Professor of Pediatrics*

Joseph Michael LoPresti, B.S., M.D., *Assistant Professor of Pediatrics*  
Mabel Harlakenden Grosvenor, A.B., M.D., *Assistant Clinical Professor of Pediatrics*

John Augustine Washington, A.B., B.S., M.D., *Assistant Clinical Professor of Pediatrics*

Aaron Nimetz, A.B., M.D., *Assistant Clinical Professor of Pediatrics*

Dorothy Steinle Jaeger-Lee, M.D., *Assistant Clinical Professor of Pediatrics*

George Maksim, M.D., M.S. in Ped., *Assistant Clinical Professor of Pediatrics*

Reginald Spencer Lourie, M.D., *Associate in Pediatrics—Psychiatry*

William Allen Howard, A.B., M.D., *Associate in Pediatrics*

John Phillip McGovern, B.S., M.D., *Associate in Pediatrics*

Samuel Paul Bessman, M.D., *Associate in Pediatrics*

John Howell Peacock, B.S., M.D., *Clinical Instructor in Pediatrics*

Herbert Harold Diamond, M.D., *Clinical Instructor in Pediatrics*

Reginald Henry Mitchell, M.D., *Clinical Instructor in Pediatrics*

Maynard Irving Cohen, A.B., M.D., *Clinical Instructor in Pediatrics*

Mary Katherine Laurence Sartwell, A.B., M.D., *Clinical Instructor in Pediatrics*

Charles Frederick Stiegler, A.B., M.D., *Clinical Instructor in Pediatrics*

Hugh Gambel Clark, A.B., M.D., *Clinical Instructor in Pediatrics*

Herbert Dudley Glick, B.M., M.D., *Clinical Instructor in Pediatrics*

Adrian Recinos, Jr., B.S., M.D., *Clinical Instructor in Pediatrics*

Allan Bertram Coleman, M.D., *Clinical Instructor in Pediatrics*

Bennet Olshaker, A.B., M.D., *Clinical Instructor in Pediatrics*

Robert Orr Warthen, M.D., *Clinical Instructor in Pediatrics*

Warren Godfrey Preisser, A.B., M.D., *Teaching Fellow in Pediatrics*

Bertha Elizabeth Van Gelderen, A.B., M.D., *Teaching Fellow in Pediatrics*

### 256 *Pediatrics*

McLendon and Staff

Lectures on physiology of the newborn, development, infant nutrition, diseases of the newborn, common anomalies and system illnesses of childhood. Medical School. Two hours a week.

- 357-58 *Clinical Clerkship—General Pediatrics* Nicholson, McGovern, and Staff  
General pediatric diseases and the newborn. Emphasis on history taking and physical examination. Daily ward rounds. Gallinger Municipal Hospital. Five students in rotation, two weeks.
- 359-60 *Clinical Clerkship—Contagious Diseases* Grosvenor and Staff  
Preventive and quarantine measures. Daily ward rounds and conferences, Gallinger Municipal Hospital. Five students in rotation, two weeks.
- 361-62 *Clinical Conference* McLendon, McGovern, and Staff  
Required in third year. Presentation and discussion of current patient problems. Gallinger Municipal Hospital. One hour a week.
- 365 *Clinical Conference I* McLendon and Staff  
Required in the third year. Staff and student discussion of diagnosis and management. Medical School. One hour a week.
- 457-58 *Clinical Clerkship* Anderson, LoPresti, and Staff  
Full time including assignment to night and holiday admissions. Case studies on wards under direct Resident supervision. Ward rounds with Staff and Residents. Childrens Hospital. Twelve students, six weeks.
- 459-60 *Outpatient Clinics* Washington, LoPresti, and Staff  
Work in Medical and Specialty clinics including surgery, allergy, X-ray, child welfare, cardiology, dermatology, neurology, and child guidance. Childrens Hospital.
- 461-62 *Clinico-pathological Conference* McLendon, Anderson, and Staff  
Clinical and pathological discussion of recent patient history and laboratory data. Childrens Hospital.
- 463-64 *Group Conferences* Anderson, LoPresti, and Staff  
Discussion of clinical problems of diagnosis and treatment of current patients. Childrens Hospital. Twice a week.
- 465 *Clinical Conference II* McLendon and Staff  
Required in the fourth year. Case presentation by fourth-year students. Staff and student discussion of diagnosis and management. Medical School. One hour a week.
- 466 *Child Guidance and Development* Lourie, Jaeger-Lee  
Lectures to second year class. Clerkship in fourth year including Well Baby Clinic. Group and class conferences.

## PHARMACOLOGY

Paul Kenneth Smith, Ph.D., *Professor of Pharmacology, Executive Officer*

Erwin Ellis Nelson, M.D., Ph.D., *Adjunct Clinical Professor of Pharmacology*

Bernard Beryl Brodie, Ph.D., *Professorial Lecturer in Pharmacology*

Murray Finkelstein, M.S., *Assistant Professor of Pharmacology*

Edward Lewis Alpen, Ph.D., *Assistant Professor of Pharmacology*

Harold George Mandel, Ph.D., *Assistant Research Professor of Pharmacology*

### 261 *Pharmacology (5)*

Lectures and conferences concerning the interaction of drugs and biological systems as a basis for the rational therapy of disease. Open to qualified nonmedical students. Five hours a week. The Staff

### 263 *Pharmacology Laboratory (2)*

Laboratory instruction and demonstrations designed to complement the above course. Open to qualified nonmedical students. Five hours a week. The Staff

### 265 *Chemotherapy (1)*

Five lectures a week for three weeks. For graduate students. Time to be arranged. The Staff

### 267-68 *Pharmacological Research (arr.)*

Primarily for those properly qualified graduate and medical students seeking careers in pharmacology. Hours and credits to be arranged. The Staff

### 269-70 *Pharmacology Seminar (1-1)*

Recent advances in pharmacology. For those interested in pharmacological research. Open to qualified nonmedical students. Two hours a week. The Staff

### 279-80 *Special Methods in Research (arr.)*

A course to familiarize the student with advanced chemical and physiological methods employed in pharmacological investigations. Open to qualified nonmedical students. Hours and credits to be arranged. The Staff

### 299-300 *Thesis (3-3)*

Required of Master of Arts and Master of Science candidates. The Staff

### 339-40 *Therapeutic*

Staff of Pharmacology and Medicine

#### *Conferences I*

Conferences designed to emphasize the application of pharmacological principles to the problems of clinical medicine. One hour a week.

### 439-40 *Therapeutic*

Staff of Pharmacology and Medicine

#### *Conferences II*

Continuation of 339-40. One hour a week.



## PHYSICAL MEDICINE AND REHABILITATION

Charles Samuel Wise, B.S., M.D., *Professor of Physical Medicine and Rehabilitation, Executive Officer*

Josephine Jordan Buchanan, A.M., M.D., *Assistant Clinical Professor of Physical Medicine and Rehabilitation*

Alvin Knudson, B.S., M.D., *Associate in Physical Medicine and Rehabilitation*

John Herman Kuitert, A.B., M.D., *Associate in Physical Medicine and Rehabilitation*

Jasper Wayne McFarland, B.S., M.D., *Clinical Instructor in Physical Medicine and Rehabilitation*

Dorothy Emily Voss, Ed.B., R.P.T.T., *Assistant in Physical Medicine and Rehabilitation*

Marjorie Katherine Ionta, B.S., *Assistant in Physical Medicine and Rehabilitation*

### 150 *Elements of Physical Medicine*

The Staff

In arrangement with the Anatomy Department, lectures and demonstrations of the various tests and measurements are employed in the evaluation of physical disability. Emphasis is placed on normal and abnormal peripheral nerve testing (electrodiagnosis), muscle testing, joint range, and other physical disability measurements.

### 351-52 *Advanced Physical Medicine*

The Staff

Lectures and demonstrations concerning the various techniques, clinical applications of physical medicine and rehabilitation to be integrated with the teaching of the associated medical and surgical specialties.

### 467-68 *Clinical Studies*

The Staff

Clinical teaching and demonstration at the University Hospital.

### 485 *Research (arr.)*

The Staff

Open to medical students and qualified nonmedical students. Hours and credits to be arranged.

## PHYSIOLOGY

Errett Cyril Albritton, A.B., M.D., *Fry Professor of Physiology, Executive Officer*

Chester Elwood Leese, Ph.D., *Professor of Physiology*

Hyman Erwin Steinman, M.D., *Lecturer in Physiology*

Joseph William Still, M.D., M.P.H., *Instructor in Physiology*

Katherine Virginia Greene, A.M., *Instructor in Physiology*

Louis Patrick Munan, M.S., *Associate in Physiology*

### 115 *Physiology* (3) Leese

Lectures for nonmedical students covering the fundamentals of physiology in its various subdivisions. Prerequisite: one year of general science or one term of a biological science. Section A: Tues., Thurs., and Sat., 9:10 A.M.; section B: Tues. and Thurs., 5:10 to 6:25 P.M.

### 117 *Experimental Physiology* (1) Greene and Staff

Laboratory exercises in the fundamentals of physiology for nonmedical students. Prerequisite or concurrent registration: Physiology 115 or the equivalent. Material fee, \$12. Sat., 10:10 A.M. to 1:00 P.M.

### 120 *Physiology of Endocrine Activity* (2) Albritton

For nonmedical students. The circulatory, metabolic, reproductive, growth, and other adaptations, immediate and long term, accompanying and affecting endocrine activity. Prerequisite: Physiology 115 or the equivalent. Tues. and Thurs., 5:10 P.M.

### 130 *The Psycho-physiology of Personality* (2) Leese

For nonmedical students. Lectures on the genesis and expression of personality, with emphasis on the physiological approach. Prerequisite: Physiology 115 or the equivalent and general psychology. Tues. and Thurs., 6:10 P.M.

### 150 *Advanced Physiology* The Staff

One hundred twenty-five physiological lectures and one hundred twenty-five laboratory hours devoted to the major divisions of the subject. For medical students.

### 201-2 *Experimental Method* (1-1) Albritton

For nonmedical graduate students. Design of controlled experiments in medical or biological investigation; errors in design; criticism and judgment of evidence; and tests of the statistical significance of experimental results. Sat., 9:00 A.M.

### 211-12 *Problems in Physiology* (arr.) Albritton and Staff

For nonmedical graduate students. Open to undergraduate students with the approval of the Department. Prerequisite: Physiology 115 and 117, or the equivalent. Hours and credits to be arranged.

- 221-22 *Physiology Seminar (1-1)* The Staff  
For nonmedical students undertaking graduate work in physiology.  
Prerequisite: Physiology 115 and 117, or the equivalent. Weekly throughout the year.
- 231 *Advanced Physiology of Circulation and Respiration (4)* Albritton and Staff  
For nonmedical graduate students. Lectures on blood, heart, circulation, respiration, and acid-base balance. Four hours a week, to be arranged.
- 234 *Advanced Physiology of Nutrition, Metabolism, and Excretion (2)* Still, Steinman, and Staff  
For nonmedical graduate students. Lectures on nutrition, digestion, metabolism, excretion, temperature regulation, and water balance. Two hours a week, to be arranged.
- 236 *Advanced Physiology of the Endocrine Glands and Reproduction (1)* Albritton, Still, and Staff  
For nonmedical graduate students. Lectures on ductless glands, hormones, humoral agents, and reproduction. One hour a week, to be arranged.
- 238 *Advanced Physiology of the Neuro-Muscular System (2)* Leese and Staff  
For nonmedical graduate students. Lectures on sensory reception, central nervous processes, somatic and visceral motor activity, and the behavior of smooth and striped muscle. Two hours a week, to be arranged.
- 240 *Advanced Experimental Physiology (3)* The Staff  
For nonmedical graduate students. Laboratory work only. Correlated with the lectures in courses 231-238. Material fee, \$25. Nine hours a week, to be arranged.
- 295-96 *Research\* (arr.)* Albritton, Leese, and Staff  
Hours and credits to be arranged.
- 299-300 *Thesis\* (3-3)* Albritton, Leese

\* Required of all candidates for the Master of Arts and Master of Science degrees in Physiology.



## PSYCHIATRY

Winfred Overholser, A.B., M.D., Sc.D., *Professor of Psychiatry, Executive Officer*

Roscoe Willis Hall, Ph.B., M.D., *Clinical Professor of Psychiatry*

Solomon Katzenelbogen, M.D., *Clinical Professor of Psychiatry*

Addison McGuire Duval, M.D., *Clinical Professor of Psychiatry*

Sidney Berman, B.S., M.D., *Assistant Clinical Professor of Psychiatry*

Morris Kleinerman, Ch.D., M.B., *Assistant Clinical Professor of Psychiatry*

Leon Yochelson, A.B., M.D., *Assistant Clinical Professor of Psychiatry*

Henry Prather Laughlin, B.S., M.D., *Assistant Clinical Professor of Psychiatry*

Marshall deGraffenried Ruffin, B.S., M.D., *Assistant Clinical Professor of Psychiatry*

Harriet Elizabeth Twombly, A.B., M.D., *Associate in Psychiatry*

Samuel Alexander Silk, Ph.D., M.D., *Associate in Psychiatry*

Norman Taub, B.S., M.D., *Associate in Psychiatry*

William Green Cushard, M.D. *Associate in Psychiatry*

Harold Corson, M.D., *Associate in Psychiatry*

Helen Pallister, Ph.D., *Clinical Psychologist*

David Eden, A.B., M.D., *Clinical Instructor in Psychiatry*

### 165 *Dynamics of Personality Development* Berman

An orientation course in the anatomical, physiological, and psychological growth and development of personality. Consideration of characteristics of structure, function, and development of the psyche leading to normal behavior as a basis for the study of the pathological. Evaluation of interpersonal relationships. One hour a week.

### 178 *Psychopathology* Hall

Manifestations and understanding of various mental mechanisms and abnormal reaction-types, preceded by history of development of psychopathology and illustrated with case material. One hour a week.

### 266 *Psychiatry* Overholser

History, etiology, symptoms, course, and treatment of the major psychoses with emphasis on the dynamics involving the person as a whole. One hour a week.

### 268 *Demonstration Clinics* Silk, Twombly

Presentation of clinical cases of major mental illnesses and primary behavior disturbances, correlating with Psychiatry 266. Each student examines patients under supervision. Three hours a week. St. Elizabeths Hospital.

271 *Psychosomatic Aspects of General Medicine* Katzenelbogen

Somatic disorders of psychogenic origin. The role of personality reactions in functional and organic disorders. One hour a week.

324 *Psychoneurosis* Laughlin

Etiology, psychopathology, clinical aspects, and treatment of various types of psychoneuroses. One hour a week for twelve weeks. Medical Conference Room, Gallinger Hospital.

326 *Psychological Techniques in Psychiatric Practice* Kendig

Discussion of psychological concepts and tools available for determination of intellectual level, personality structure, functional impairment, and organic deterioration. One hour a week for four weeks. Medical Conference Room, Gallinger Hospital.

331-32 *Clinical Clerkship* Cushard, Taub

Under supervision, each student conducts mental and physical examinations of patients, works up and presents his cases for discussion and conclusion. Two-week assignments by section. Gallinger Hospital.

431-32 *Clinical Clerkship* Duval, Kleinerman, Laughlin, Ruffin, Yochelson, Pallister

Supervised examination, diagnosis, and treatment of ambulatory borderline cases. Conferences for discussion of cases. Clinical application of psychiatric principles to general medical practice is stressed. Three hours twice a week, in rotation. University Hospital Out-patient Psychiatric Clinic.

## RADIOLOGY

William Woodrow Stanbro, M.D., *Professor of Radiology, Executive Officer*

Solomon Rodney Bersack, M.D., *Associate in Radiology*

Keene Manning Wallace, M.D., *Associate in Radiology*

Ludwig Carl Kroutil, A.B., M.D., *Associate in Radiology*

George Tievsky, M.D., *Clinical Instructor in Radiology*

Charlotte Patricia Donlan, A.B., M.D., *Clinical Instructor in Radiology*

Uthai Vincent Wilcox II, M.D., *Clinical Instructor in Radiology*

Alvin Charles Wyman, A.B., M.D., *Clinical Instructor in Radiology*

Theodore Joseph Wang, Ph.D., *Physicist*

### 213 *Basic Radiology*

Orientation lectures in X-ray physics.

The Staff

### 341-42 *Radiological Diagnosis*

Lectures in conjunction with the course in Physical Diagnosis.

The Staff

### 358 *Advanced Radiological Diagnosis*

Lectures and discussions.

The Staff

### 449 *Clinical Studies*

Students assigned in rotation on a full-time basis for a specific period to the X-ray Department.

The Staff

### 478 *Research*

Hours to be arranged.

The Staff



## SURGERY

- Brian Blades, A.B., M.D., *Professor of Surgery, Executive Officer*  
 Daniel LeRay Borden, A.M., M.D., *Clinical Professor of Surgery*  
 Paul Stirling Putzki, M.D., *Clinical Professor of Surgery*  
 Arch Lockhart Riddick, B.S., M.D., *Clinical Professor of Surgery*  
 William Berry Marbury, M.D., *Clinical Professor of Surgery*  
 Custis Lee Hall, M.D., *Clinical Professor of Surgery*  
 John Hugh Lyons, M.S., M.D., *Clinical Professor of Surgery*  
 Paul Budd Magnuson, M.D., *Adjunct Clinical Professor of Surgery*  
 John Gordon Lee, A.B., M.D., C.M., Med. Sc.D., *Adjunct Clinical Professor of Surgery*  
 Sam Foster Seeley, B.S., B.M., M.D., *Adjunct Clinical Professor of Surgery*  
 Wallace Harry Graham, B.S., M.D., *Professorial Lecturer in Surgery*  
 Herbert Hermann Schoenfeld, M.D., *Associate Clinical Professor of Surgery*  
 Alec Horwitz, M.S., M.D., *Associate Clinical Professor of Surgery*  
 William Stanley McCune, A.B., M.D., *Associate Clinical Professor of Surgery*  
 Edward James Beattie, Jr., M.D., *Assistant Professor of Surgery*  
 Benjamin Franklin Dean, Jr., M.S., M.D., *Assistant Clinical Professor of Surgery*  
 Vincent Michael Iovine, B.S., M.D., *Assistant Clinical Professor of Surgery*  
 Carl Berg, M.D., *Assistant Clinical Professor of Orthopedic Surgery*  
 Calvin Trexler Klopp, A.B., M.D., *Assistant Clinical Professor of Surgery*  
 Julius Salem Neviaser, A.B., M.D., *Assistant Clinical Professor of Orthopedic Surgery*  
 Jerome Blaine Harrell, M.D., *Assistant Clinical Professor of Surgery*  
 Leonard Theodore Peterson, A.B., B.S., M.D., *Assistant Clinical Professor of Orthopedic Surgery*  
 Richard Knight Thompson, D.D.S., *Associate in Dental Surgery*  
 William Ross Morris, M.D., *Associate in Surgery*  
 Jacob Joseph Weinstein, B.S., Phar.G., M.D., *Associate in Surgery*  
 William Carey Meloy, M.D., M.S. in Med., *Associate in Surgery*  
 Edward Alexander Cafritz, M.D., *Associate in Surgery*  
 Walter Henry Gerwig, Jr., A.B., M.D., *Associate in Surgery*  
 Karl Hayden Wood, Ph.G., D.D.S., *Associate in Dental Surgery*  
 Rodes Carl Garby, A.B., M.D., *Instructor in Surgery*  
 James Leo Kelley, A.B., M.D., *Instructor in Surgery*

- Hazen Eugene Cole, B.S., M.D., *Clinical Instructor in Surgery*  
 Crenshaw Douglas Briggs, B.S., M.D., *Clinical Instructor in Surgery*  
 Arthur James Mourot, B.S., M.D., *Clinical Instructor in Surgery*  
 Joseph Francis Conlon, D.D.S., *Clinical Instructor in Dental Surgery*  
 Otto Anderson Engh, A.B., M.D., *Clinical Instructor in Surgery*  
 Duane Case Richtmeyer, A.B., M.D., *Clinical Instructor in Surgery*  
 Richard Lee Jackson, M.D., *Clinical Instructor in Surgery*  
 Leon Gerber, M.D., *Clinical Instructor in Surgery*  
 Thomas Bradley, A.B., M.D., *Clinical Instructor in Surgery*  
 Lloyd Byron Burk, Jr., M.D., *Clinical Instructor in Surgery*  
 Ernest Alva Gould, M.D., *Clinical Instructor in Surgery*  
 Austin Bertram Rohrbaugh, Jr., M.D., *Clinical Instructor in Orthopedic Surgery*  
 T. Wiley Hodges, A.B., M.D., *Clinical Instructor in Orthopedic Surgery*  
 Marvin Hayne Kendrick, A.B., M.D., *Clinical Instructor in Surgery*  
 Brooks Gideon Brown, B.S., M.D., *Clinical Instructor in Surgery*  
 Gordon Sparks Letterman, A.B., B.S., M.D., *Clinical Instructor in Surgery*  
 Lois Irene Platt, A.B., M.D., *Clinical Instructor in Surgery (Cancer Cytology)*  
 John Decator Hoyle, B.S., M.D., *Clinical Instructor in Surgery*  
 Henry Leon Feffer, A.B., M.D., *Clinical Instructor in Orthopedic Surgery*  
 Edward Kaden Tierney, A.B., M.D., *Clinical Instructor in Surgery*  
 Guy Neill Berry, B.S., M.D., *Fellow in Surgery*  
 John McRae Kennelly, Jr., A.B., M.D., *Fellow in Surgery*  
 James Richard Thistlethwaite, B.S., M.D., *Fellow in Surgery*

### 280 *Introduction to Surgery*

One hour twice a week. Lectures and recitations covering the field of general surgery. The Staff

### 284 *Surgical Physiology*

A clinical and laboratory course with particular emphasis on applied physiology. Two hours a week. The Staff

### 373-74 *Clinical Clerkship I*

The student is assigned and required to work up thoroughly the cases for diagnosis and treatment. Gallinger Hospital. The Staff

### 375-76 *Ward Walks*

Group ward rounds are made with the visiting physicians and their respective staffs in the course of their usual rounds. Gallinger Hospital. The Staff

### 377-78 *Orthopedics I*

Weekly orthopedic lecture, Gallinger Hospital; weekly three-hour orthopedic clinic, Surgery Outpatient Department, University Hospital. The Staff

- 379-80 *Surgical Staff Conference I* The Staff  
Tuesday at Gallinger Hospital; Wednesday at the University Hospital.
- 383-84 *Surgical Clinic I* Blades  
Demonstration of various surgical diseases to the entire third- and fourth-year classes. One hour a week.
- 385 *Surgical Anatomy* Horwitz  
Two one-hour lectures a week. University Hospital.
- 391-92 *Surgical Pathology I* Hill  
One hour conference each week.
- 473-74 *Clinical Clerkships II* The Staff  
Available at the University, Walter Reed, Emergency, and Mt. Alto hospitals.
- 477-78 *Orthopedics II* The Staff  
Weekly orthopedic lecture, Gallinger Hospital; weekly three-hour orthopedic clinic, Surgery Outpatient Department, University Hospital.
- 479-80 *Surgical Staff Conference II* The Staff  
Tuesday at Gallinger Hospital; Wednesday at the University Hospital.
- 483-84 *Surgical Clinic II* Blades  
Demonstration of various surgical diseases to the entire third- and fourth-year classes. One hour a week.
- 491-92 *Surgical Pathology II* Hill  
One hour conference each week.
- 493-94 *Surgical Diseases of the Chest* Blades and Staff  
(Elective)  
Patients with various diseases of the chest, including the lungs, mediastinum and esophagus are presented. The cases are followed from week to week and operative specimens and microscopic sections are demonstrated. Walter Reed Hospital. Two hours a week.



## UROLOGY

Frederick A. Reuter, M.D., *Professor of Urology, Executive Officer*  
 Thomas Carlton Thompson, B.S., M.D., *Clinical Professor of Urology*  
 Gilbert Ottenberg, A.M., M.D., *Associate in Urology*  
 William Dabney Jarman, B.S., M.D., *Clinical Instructor in Urology*  
 Edward Egner Ferguson, M.D., *Clinical Instructor in Urology*  
 Leon Richard Culbertson, B.S., M.D., *Clinical Instructor in Urology*  
 Gordon Rhodes MacDonald, M.D., *Clinical Instructor in Urology*  
 Herbert DeGrange Wolff, Jr., M.D., *Clinical Instructor in Urology*

### 395-96 *Clinics*

The Staff

Clinical teaching and demonstrations on the care of urological cases with special emphasis on the pre- and post-operative management. Operative clinics and clinical teaching. Gallinger Hospital.

### 491-92 *Urology*

Reuter and Staff

Lectures covering the entire field of urology including diagnosis, treatment, and morbid pathology. One hour a week.

### 495-96 *Clinics*

Reuter and Staff

Clinical demonstrations and teaching in the Outpatient Department with special attention given to diagnostic procedures. Emergency and University hospitals. One part of each section daily.

## DEGREES CONFERRED

### DOCTOR OF MEDICINE

MAY 31, 1950

Abe Samuel Abraham	Calif.	Bernard Guerin	N.Y.
B.S. 1938, Westminster College		B.S. 1944, Louisiana State University	
John Lawrence Avery	D.C.	M.S. 1946, The George Washington University	
B.S. 1937, University of Maryland		Alice Walters Hamby	Ky.
M.S. 1939, The George Washington University		A.B. 1943, Transylvania University	
Ralph Claxton Aye	Ill.	Allen Lee Haslup	Fla.
B.S. 1940, M.S. 1941, Northwestern University		Dorothy Catherine Holzworth	Md.
Julius Jackson Barefoot	N.C.	A.B. 1944, Notre Dame College	
Verna Young Barefoot	N.C.	A.M. 1946, Catholic University of America	
B.S. 1948, University of Cincinnati		Henry Joseph Horn	Pa.
M.S. 1945, University of Chicago		B.S. in E.E. 1941, Lehigh University	
Timothy George Barila	N.Mex.	Francis Homer Hughes, Jr.	W.Va.
Mary Helen McConnell Barnett	D.C.	B.S. 1946, Salem College	
A.B. 1947, The George Washington University		Donald Ellsworth Kayhoe	Md.
Delos White Boyer	D.C.	A.B. 1948, The George Washington University	
John Wesley Bristow	Calif.	Stephen Garland Kent, Jr.	Va.
Henry Thomas Broadstreet, Jr.	Fla.	John Mark Keshishian	Md.
B.S. 1945, University of Florida		Robert Ormiston Knox, Jr.	D.C.
Harrison Morton Brooks, Jr.	Pa.	A.B. 1947, The George Washington University	
B.S. 1940, Wheaton College		Karl Philip Kolb	Wis.
Clayton Roy Bruce	Pa.	Jack Leckie	W.Va.
B.S. 1946, University of Pittsburgh		B.S. 1938, Marshall College	
Raymond Eugene Carnes	Md.	Charles Stuart Littwin	N.J.
A.B. 1947, The George Washington University		A.B. 1943, Hobart College	
George Joel Cohen	D.C.	Ralph Burton Maffey	N.J.
Andrey Marie Connor	D.C.	B.S. 1943, Rutgers University	
A.B. 1945, Trinity College		John Lower Magness	Ohio
Joseph Daniel Connor		(With distinction)	
Charles Edward Dalton	Md.	James Charles Mandes	D.C.
Anthony, Domenico Di Benedetto	Kans.	A.B. 1947, The George Washington University	
B.S. 1943, Villanova College	N.Y.	Dean Harrington Martin	Md.
Stephen Mark Doran		William Prentiss McKelway	D.C.
Robert Lyle Erickson	Mich.	(With distinction)	
Charles Hess Jerome Everding	Minn.	A.B. 1943, Washington and Lee University	
Mario Nestor Fabi	N.Y.	Joseph Francis Metzger	Md.
George Everett Files	Pa.	Douglas Cookerille Morris	Va.
B.S. 1943, Tufts College	Mass.	Richard Henry Mott, Jr.	D.C.
Tobias Roger Funt		A.B. 1947, The George Washington University	
A.B. 1938, University of Missouri	Mo.	Eulaine Naiden	Va.
James Harper Poor Garnett	D.C.	(With distinction)	
A.B. 1947, University of Virginia		B.S. 1942, University of Idaho	D.C.
Harry Clair George	Ohio	Donald Sell Nelson	D.C.
B.S. 1944, Mount Union College		Sverre John Ofredal	
James Wallace Gibson	Va.	A.B. 1942, Occidental College	Va.
B.S. 1941, Hampden-Sydney College		Matthew Denwood Parrish	
Warren Gillette	Calif.	A.B. 1940, University of Virginia	R.I.
B.S. 1942, California Institute of Technology		Alton Morton Paull	Colo.
Robert David Gillman	D.C.	Bertram Lincoln Pear	
A.B. 1939, B.Mus. 1940, Yale University		A.B. 1947, The George Washington University	
A.M. 1946, Columbia University	Va.	Raul Gregorio Reyes M.	Honduras
Jess Downing Green, Jr.		B.S. 1946, Georgetown University	
A.B. 1944, University of Kansas City			

Harold Ellis Rhame, Jr. (With distinction) A.B. 1946, Princeton University	N.Y.	William MacLohon Tribble A.B. 1943, Princeton University	D.C.
Jack Rodney Robertson	Idaho	Emily Frances Upton	Md.
Herman Henry Rock B.S. 1942, Washington State College	Wash.	B.S. 1942, University of Maryland	D.C.
Norman Hartley Rubenstein	D.C.	Yvonne Varvaressos	
Charles Joseph Savarese A.B. 1941, University of North Carolina	Md.	Honour Mod. Nat. Science 1946, Oxford University	Md.
Donald Gerry Schmidt B.S. 1942, University of Washington	Mont.	Francis Neil Waldrop (With distinction) A.B. 1946, University of Minnesota	Md.
Miriam Z. Seborer (With distinction) A.B. 1939, Hunter College	N.Y.	Katharine Miriam Walter B.S. 1944, The George Washington University	Md.
A.M. 1940, Columbia University		Frank Lloyd Weaver, Jr. A.B. 1947, The George Washington University	Hawaii N.Y.
Harold Lawson Stein A.B. 1947, The George Washington University	N.Y.	Edwin Dexter Willett	
Walter Edward Switzer Ed.B. 1940, Illinois State Normal University	Ill.	Frank Ephraim Winter B.S. 1943, University of Pittsburgh	D.C.
M.S. 1941, University of Illinois		Edwin Charles Wood (With distinction)	N.Y.
Andrew Frank Thibadeau A.B. 1948, The George Washington University	Md.	Arthur Yanowitz	



# STUDENTS REGISTERED IN THE SCHOOL OF MEDICINE

1950-51

A			
Albert, Harold Franklin (I)	Pa.	Boone, Aretas Cephus (I)	Calif.
B.S. 1950, Muhlenberg College		A.B. 1950, Stanford University	
Applegate, David Carl (I)	Calif.	Bowen, Thales, Jr. (III)	D.C.
A.B. 1950, University of California		A.B. 1949, The George Washington University	
Araujo-Vidal, Juan (IV)	Puerto Rico	Bowler, John Andrew, Jr. (IV)	D.C.
B.S. 1949, University of Puerto Rico		A.B. 1949, The George Washington University	
Armstrong, Richard Merrill (I)	Idaho	Bowly, Lawrence Vaughan (I)	D.C.
B.S. 1950, University of Idaho		B.S. 1950, American University	
Asmworth, Charles Raymond (II)	Idaho	Boyd, Milton Alexander (I)	Ohio
		B.S. 1950, State College of Washington	
B			
Bacchus, Habeeb (I)	British Guiana	Bradley, John Grover (IV)	Nev.
B.S. 1947, Howard University		Brady, Neal Caldwell (IV)	Calif.
M.S. 1948, Ph.D. 1950, The George Washington University		B.S. 1947, Western Reserve University	
Bahr, Robert Dennis (I)	Wis.	Brawner, Edgar Newlon, Jr. (IV)	D.C.
B.S. 1950, University of Wisconsin		Breeding, Robert Burton (IV)	Ky.
Ball, Carl Eugene (II)	Fla.	A.B. 1944, Transylvania College	
A.B. 1950, The George Washington University		B.S. 1944, University of Kentucky	Va.
Baratta, Michael Vincent (II)	N.Y.	Brennan, Robert James (III)	
A.B. 1949, Columbia University		A.B. 1948, The George Washington University	
Barnett, Jeanne Frances (IV)	D.C.	Brewer, Robert George (III)	Md.
B.S. 1947, Pennsylvania State College		A.B. 1948, Hamilton College	
Barkin, Gilbert Donald (II)	D.C.	Bruce, James Crawford (IV)	D.C.
B.S. 1949, The George Washington University		Bullock, Robert Graham (I)	Va.
Barnett, Robert Alexander (III)	D.C.	A.B. 1951, Johns Hopkins University	
A.B. 1949, The George Washington University		Bush, Inez Lorraine (II)	N.Y.
Barr, Joseph Frederick (IV)	N.J.	B.S. 1949, University of Rochester	
Barr, Solomon Elzem (I)	D.C.	Butrey, Charles (I)	Ohio
Barrison, William John (IV)	Pa.	B.S. 1950, Western Reserve University	
B.S. 1946, Pennsylvania State Teachers College, East Stroudsburg		C	
Betty, Harry Bartton (IV)	Va.	Cahan, Jules Isaac (II)	D.C.
A.B. 1948, The George Washington University		B.S. 1949, The George Washington University	
Bellomy, Bruce Ben (III)	Va.	Carlin, John Thomas, Jr. (I)	Ala.
Bergstrom, Roger Heaner (III)	Md.	B.S. 1950, University of Alabama	
Bernstein, Miriam Hannah (II)	N.Y.	Carlton, Harry Nelson (I)	D.C.
A.B. 1949, Mount Holyoke College		B.S. 1949, M.S. 1950, The George Washington University	
Blair, Robert Hahn (IV)	Ohio	Carr, George Lafayette (III)	Ga.
B.S. 1947, University of Michigan	Mich.	Chaves, James William (I)	D.C.
Bloom, Joseph (I)	R.I.	A.B. 1949, Catholic University of America	
A.B. 1949, Brown University		Clintson, Philip (III)	Mich.
Blue, John Frederick (IV)	D.C.	B.S. 1942, University of Michigan	
B.S. 1942, North Carolina State College		M.S. 1948, The George Washington University	
Blue, Mary Alice (III)	N.C.	Cobb, Leonard Cowgill (II)	Wash.
A.B. 1948, University of North Carolina		B.S. 1949, University of Washington	
Blum, Fred G., Jr. (I)	Wis.	Coffey, Hubert Franklin (II)	Tex.
B.S. 1950, University of Wisconsin		Cogswell, Robert Wickham (I)	D.C.
Bogen, Robert William (I)	Va.	A.B. 1949, University of Virginia	
A.B. 1949, University of Pennsylvania		Cohen, Melvin S. (II)	D.C.
		A.B. 1938, Brooklyn College	
		B.S. 1949, The George Washington University	

Cole, Fenwick Earl (III) Cole, Ralph John (IV) A.B. 1948, The George Washington University	D.C. Pa.	Eilenberg, David (III) A.B. 1949, The George Washington University	N.J.
Colevas, Prokopos (I)	D.C.	Ekman, Donald Quintin (I)	Md.
Conner, Ray Bradford (II)	D.C.	Ennis, Harry Hughes (III) A.B. 1948, Brigham Young University	Utah
Cooper, Charles David (IV) A.B. 1948, The George Washington University	D.C.	Epstein, Jerome Harold (II) A.B. 1947, New York University A.M. 1949, The George Washington University	D.C.
Corrado, Michael Anthony (III) A.B. 1949, The George Washington University	D.C.	Esch, Albert Frederick (I) A.B. 1949, The George Washington University	D.C.
Corwin, Leonard Joel (III) B.S. 1947, Rutgers University	N.J.	Everett, Gerald Waddell (I) Everhart, Clarence Edward, Jr. (III) B.S. 1948, Western Reserve University	Md. Ohio
Costas, Raul, Jr. (II) B.S. 1949, Villanova College	Puerto Rico		
Coultrip, Raymond Laverne, Jr. (III)	D.C.		
Crabtree, Robert Herman (I)	Idaho		
Crowell, Jack (IV) B.S. 1947, The George Washington University	Md.		
F			
		Farr, Boyd Joseph (III) Fealy, Jack (IV) B.S. 1947, Birmingham-Southern College	Utah Ala.
		Febles, Francisco, Jr. (I) B.S. 1950, The George Washington University	Puerto Rico
Danford, James Arthur (I) B.S. 1950, University of Dayton	Ohio	Federle, Jesse Alan (III) A.B. 1949, The George Washington University	Nebr.
Davis, David Stanley (II) A.B. 1950, The George Washington University	Ohio	Feezel, Richard Albert (IV) B.S. 1947, Western Reserve University	Ohio
Davis, Martin Thomas (I) B.S. 1948, Rensselaer Polytechnic Institute M.S. 1950, The George Washington University	Conn.	Feltman, Robert Ferre (III) A.B. 1949, The George Washington University	Va.
Davis, Thomas McLellan, Jr. (III) A.B. 1940, The George Washington University	D.C.	Ferguson, William Holmes (II) B.S. 1949, University of Tulsa	N.Y.
Dejter, Stephen W. (I) A.B. 1950, Western Maryland College	Md.	Fernbach, Donald Joseph (III) A.B. 1948, Tusculum College	Md. Ohio
Deliman, Robert Michael (II) B.S. 1949, University of Pittsburgh	Pa.	Flechel, Kurt Otto (I) Flickinger, Ted Lawrence (I)	Md.
DeWitt, James Corwin (IV) B.S. 1943, Mount Union College	Va.	Fochios, Steve Evangelos (I) B.S. 1949, University of Maryland	Calif.
Dohson, Richard Hal (II) B.S. 1949, Kansas State College of Agriculture and Applied Science	Kans.	Foor, Milton A. (III) A.B. 1947, University of Southern California	Ohio
Domann, William Arthur (II) B.S. 1948, University of Wisconsin	Wis.	Foulke, Charles William (II) A.B. 1949, Ohio State University	Minn.
Doriety, James Douglas (II) B.S. 1949, Villanova College	N.J.	Furlow, William Loomis (II) A.B. 1949, Carleton College	
Doster, Robert Thomas, Jr. (I) A.B. 1950, Vanderbilt University	Tenn.		
Dotson, Maryanna Elizabeth A.B. 1948, The George Washington University	D.C.		
Downs, Edward Alley (I) A.B. 1950, Harvard University	N.J.		
Doyle, John Benedict, Jr. (III) A.B. 1948, University of California at Los Angeles	Calif.		
Dubroff, Seymour (IV) A.B. 1948, The George Washington University	D.C.		
Duffy, Charles Creighton (II) B.S. 1949, University of Nevada	Nev.		
G			
		Gall, John Christian, Jr. (II) B.S. 1950, Yale University	D.C.
		Garcano, Freddie Patrick (III) B.S. 1947, The George Washington University	D.C.
		Garrett, Richard Morgan (I) Gates, John William (IV)	Colo. Calif. Ohio
		Gerbie, Albert Bernard (IV) Gillard, William Henry (II) A.B. 1950, The George Washington University	D.C.
		Gimble, Abraham Isaac (III) B.S. 1943, M.S. 1948, The George Washington University	Md. D.C.
		Ginsberg, David Kellner (I) Glew, William Bainbridge (II) B.S. 1950, Yale University	D.C.
		Godbey, Gloria Swanson (III) A.B. 1949, The George Washington University	
Eanet, Morton Philip (IV) A.B. 1947, Yale University	D.C.		
Eccleston, Harold Norris, Jr. (III)	Md.		
Ehrmantraut, Wilfred Russell (III) B.S. 1948, University of Maryland	Md.		

Goodman, Clifford James (IV) B.S. 1947, The George Washington University	Ariz.	Jensen, Jack Monsen (II)	Utah
Gordon, Howard Leo (II) B.S. 1948, Georgetown University	D.C.	Johnson, Howard Hamilton, Jr. (IV) A.B. 1948, The George Washington University	D.C.
M.S. 1949, The George Washington University		Johnston, Harvey Wylie (III) B.S. 1949, University of North Carolina	N.C.
Gordon, James Kirke (III) A.B. 1948, The George Washington University	Va.	Jungblut, Edward Wilmont (I) A.B. 1950, The George Washington University	N.J.
Gould, Stanley Benton (II) B.S. 1949, Haverford College	Md.	K	
Greaves, Keith Carpenter (IV) B.S. 1944, University of Idaho	Idaho		
Green, William Oliver, Jr. (III) A.B. 1949, The George Washington University	D.C.	Kane, William Matthew, Jr. (I) A.B. 1950, College of the Holy Cross	Md.
Grunsten, Russell Carl (II)	Fla.	Kearney, Robert Thomas (II)	Colo.
Guthrie, Eugene Harding (IV)	Md.	Kerr, Horace Eskew (III) A.B. 1949, The George Washington University	D.C.
H			
Hagen, William August, Jr. (III) A.B. 1948, Hiram College	Ohio	Kiel, Frank Wilson (I) A.B. 1950, University of Pennsylvania	Pa.
Hall, Allan (III) A.B. 1949, The George Washington University	N.J.	Kingsley, Paul L. (II) B.S. 1937, Northwestern University	Md.
Hansen, Martin Edward (IV)	Calif.	M.S. 1940, University of California at Los Angeles	
Harrigan, John Thomas (II)	N.J.	Kinsman, Robert Gordon (II) A.B. 1950, The George Washington University	Md.
Harris, Forest Klaire (II) B.S. 1948, The George Washington University	Calif. N.J. D.C.	Kirby, Taylor Herman (II) A.B. 1949, Birmingham-Southern College	Ala.
Harris, John Warton, Jr. (I) A.B. 1950, University of Wisconsin	Wis.	Kirchner, Francis Carlyle (III) B.S. 1948, The George Washington University	Md.
Hayes, Cornelius John (I) A.B. 1950, Yale University	Conn.	Kirk, Michael James (I)	Va.
Healy, Paul Thomas (II)	W. Va.	Kleh, Thomas Robert (II)	Md.
Healey, Gregory Thomas (III) A.B. 1949, The George Washington University	D.C.	Klein, David Mendel (II)	D.C.
Heardi, Jean Robert Louis (I) A.B. 1950, Johns Hopkins University	Md.	Klika, Raymond Riggs (IV)	Ohio
Heywood, Robert Monroe (I) B.S. 1950, University of Wisconsin	Wis.	Knapp, Robert Duane, Jr. (III) A.B. 1948, The George Washington University	D.C.
Hicks, Herbert Hollis (I) A.B. 1950, Harvard University	Miss.	Knox, Paul Raymond (I) A.B. 1950, University of California	Calif.
Hobbes, Charles Eldon (III) Hollingsworth, James Boetler, (II)	N.M.	Kramer, Norman Clifford (I) B.S. 1945, The Citadel	N.Y.
Hollis, Charles Jonathan (I) B.S. 1949, University of Alabama	Md.	M.S. 1950, The George Washington University	
Honer, Doris Marcelle (III) A.B. 1944, Hunter College	Ala.	Krichmar, Robert Lawrence (IV) A.B. 1944, Boston University	Va.
Hopkins, Theodore Reed (IV) A.B. 1947, Stanford University	N.Y.	Kritzer, Herbert (I) A.B. 1948, Syracuse University	N.Y.
Horton, Richard Edward (I) Howard, Percy John (II) B.S. 1940, University of Alabama	Calif.	A.M. 1949, University of Pennsylvania	N.J.
Howard, Robert Lynwood (IV) A.B. 1948, University of Alabama	Md. Ala.	Kutems, Fredrick Henry (I) B.S. 1950, Union College	
Howk, Vernon Neal (I) A.B. 1949, The George Washington University	Ala.	L	
Hunt, James Brooke, Jr. (IV) B.S. 1942, University of Michigan	Calif.		
Hyde, Grant Lafayette (IV)	Pa.	Larson, Robert LeRoy (II) A.B. 1949, Montana State University	Mont.
I			
Ice, John Frederick (II)	Pa.	Lasher, Jay Donald (IV) B.S. 1949, University of Pittsburgh	Pa.
J			
Jatho, George Theodore, Jr. (I) A.B. 1950, University of California	Calif.	Laughmiller, Roy William, Jr. (IV) A.B. 1947, Maryville College	Tenn.
		Leahart, John William, Jr. (II) A.B. 1948, Municipal University of Omaha	Pa. D.C.
		Leary, Patrick James (II)	
		Leonarduzzi, David Rino (IV) A.B. 1948, The George Washington University	D.C.
		Levitsky, Leon Robert (I) B.S. 1951, Muhlenberg College	Pa.
		Lidsky, Martin David (I) B.S. 1950, The George Washington University	N.Y.



Long, Charles W., Jr. (I)	Fla.	Miller, Maurice Myles (III)	Va.
Longfellow, Don Woodward (II)	D.C.	A.B. 1948, The George Washington University	N.J.
A.B. 1950, The George Washington University		Miller, Robert Thomas (II)	D.C.
Lyons, William Stewart (IV)	D.C.	B.S. 1949, Rutgers University	
A.B. 1948, The George Washington University		Modlin, Albert Jay (I)	Pa.
M		B.S. 1948, M.S. 1949, The George Washington University	Pa.
Machle, Willard Frank (I)	Fla.	Monier, John Baptiste (IV)	Pa.
A.B. 1950, Harvard University		B.S. 1941, University of Pittsburgh	
Magleby, Dale Hanmer (II)	Idaho	Monyak, John George (III)	D.C.
B.S. 1949, A.B. 1950, Idaho College		B.S. 1949, Geneva College	Md.
Mahaney, John Gage (II)	Mich.	Morledge, Charles Calvin (III)	Minn.
A.B. 1949, Michigan State College		Morrell, Roger Merritt (I)	
Manthey, Richard Gledhill (IV)	Ohio	B.S. 1950, Haverford College	
B.S. 1948, Western Reserve University		Muhonen, Oliver Adolph (III)	
Markwood, Carl Christopher (II)	Pa.	N	Md.
B.S. 1949, Saint Vincent College		Nasou, John Peter (III)	Ariz.
Marquis, John W. (I)	N.J.	A.B. 1947, University of Minnesota	
A.B. 1950, Carleton College		Nelson, Warren James (II)	N.J.
Martens, Doris Katherine (IV)	Calif.	B.S. 1948, University of Wisconsin	
A.B. 1944, University of Southern California		Nolan, Paul Joseph (II)	
Martin, Robert Carl (I)	Calif.	B.S. 1949, Seton Hall College	
A.B. 1950, University of California		O	Hawaii
Mattingly, Thomas Ernest, Jr. (IV)	Md.	Oakley, George D. (III)	D.C.
A.B. 1948, The George Washington University		A.B. 1948, University of Hawaii	
Maupin-Brodie, Dorothy Ray (II)	D.C.	Oarlet, Ruth Anne (I)	Mass.
B.S. 1949, The George Washington University		B.S. 1950, University of Maryland	
Mayberry, Paul Raymond (III)	Maine	O'Gara, Roger William (IV)	Wis.
Mayne, John Cleland (III)	Mich.	A.B. 1948, The George Washington University	Pa.
A.B. 1948, Albion College		Oilschlager, Gerald Albert (II)	
Mazero, John Robert (I)	Pa.	Oram, Melvin (II)	Ind.
McClelland, James Robert (IV)	D.C.	B.S. 1949, University of Scranton	
McCowin, Joseph Aaron (II)	Utah	Owen, Richard Roberts (II)	
B.S. 1948, Utah State Agricultural College		B.S. 1949, The George Washington University	
McCune, Violet Kellogg (IV)	D.C.	P	Fla.
A.B. 1948, The George Washington University		Padgett, Glenn Ernest (II)	Md.
McGregor, John Gregor, Jr. (II)	Ariz.	A.B. 1949, Duke University	
A.B. 1949, Stanford University		Palmer, Barber Clayton, Jr. (I)	Md.
McMeel, John Wallace (II)	Md.	A.B. 1950, Dartmouth College	Mo.
A.B. 1950, The George Washington University		Parkinson, Roger West (I)	D.C.
McWhirt, Joseph Russell (IV)	D.C.	Pauly, John Frederick (I)	
A.B. 1948, The George Washington University		Peck, Richard Lee (I)	
Meaney, Thomas Francis (II)	D.C.	A.B. 1950, Catholic University of America	Minn.
B.S. 1949, Georgetown University		Pemberton, Henry Walter (III)	D.C.
Meeker, John Harbeck, Jr. (III)	N.J.	A.B. 1947, Amherst College	
A.B. 1940, Drew University		Perna, Louis Robert (II)	D.C.
Merritt, Arthur Donald (III)	D.C.	A.B. 1950, The George Washington University	
A.B. 1949, The George Washington University		Phillips, Lawrence Vince (III)	Ohio
Metzerott, Kirk Oliver (III)	Minn.	A.B. 1949, The George Washington University	
A.B. 1949, The George Washington University		Pickering, Woodrow Harold (III)	N.Y.
Michel, Joan (I)	Md.	A.B. 1950, Ohio State University	Tex.
B.S. 1948, University of Maryland		Pidgeon, Joseph William (IV)	
Miele, Albert John (I)	Pa.	Pillow, David James (II)	Va.
B.S. 1950, Georgetown University		B.S. 1950, Texas Christian University	
Miesfeld, Roger Randolph (II)	Wis.	Pine, Donald Kay (III)	D.C.
B.S. 1949, University of Wisconsin		A.B. 1949, The George Washington University	
Millar, Glenn Collins (II)	Calif.	Piver, Julius Samuel (III)	Pa.
Miller, Grant William (IV)	Va.	B.S. 1948, The George Washington University	
B.S. 1947, University of Washington		Plymyer, Ray Earl (III)	
Miller, Howell Douglas (II)	D.C.	B.S. 1948, Pennsylvania State College	
D.V.M. 1941, Agricultural and Mechanical College of Texas			

Poole, Robert Smallwood (II)	D.C.	Schurter, Maxine Ann (IV)	D.C.
A.B. 1950, The George Washington University		A.B. 1944, Pomona College	N.Y.
Porter, Bennet Allen, Jr. (II)	Md.	Schwartz, Julius Louis (IV)	D.C.
Potter, Stanley Eugene (III)	W.Va.	A.B. 1947, New York University	N.D.
Price, Curtis Lee (II)	Calif.	Seckinger, Daniel Lamont, Jr. (I)	
Price, Elizabeth (IV)	Va.	Senft, Otto Ernest (I)	
A.B. 1941, Columbia University		A.B. 1943, Wartburg College	Nebr.
A.M. 1944, University of Minnesota		D.B. 1946, Wartburg Seminary	
Rapp, Raymond Edward, Jr. (III)	D.C.	Shipkey, Frederick Herman, Jr. (III)	D.
B.S. 1948, The George Washington University		B.S. 1950, University of Nebraska	
Rawlings, Joseph Edwin, Jr. (II)	D.C.	Silverberg, Stanley Melvin (III)	
A.B. 1950, The George Washington University		B.S. 1948, The George Washington University	Idaho
Ahame, Richard Coleman (I)	N.Y.	Simmons, Boyd K. (I)	
A.B. 1950, Princeton University		A.B. 1950, Brigham Young University	D.C.
Ritts, Roy Elliot, Jr. (IV)	D.C.	Singer, Lawrence Robert (I)	
A.B. 1948, The George Washington University		B.S. 1950, The George Washington University	W.Va.
Robertson, Joseph William (IV)	Tex.	Slack, Richard Lee (I)	
B.S. 1947, Agricultural and Mechanical College of Texas		B.S. 1950, West Virginian Wesleyan College	Okla. Va.
B.S. 1946, M.S. 1947, The George Washington University	D.C.	Smith, Casper Hayden, Jr. (II)	
Robinson, Tom Witten (I)	Calif.	Smith, Samuel Rodmond (IV)	
A.B. 1949, Occidental College		A.B. 1948, The George Washington University	Ohio
Roe, Joseph Hyram, Jr. (I)	D.C.	Solomonson, Carl Edward (II)	Ohio
A.B. 1950, Yale University		B.S. 1950, Western Reserve University	
Rofers, Samuel Lyle (I)	N.Y.	Speevack, Harold Lynn (II)	Wyo.
A.B. 1950, Dartmouth College		B.S. 1949, Ohio University	
Rosenblum, David (II)	N.Y.	Sprowell, Robert Roy (III)	
B.S. 1949, The George Washington University		A.B. 1944, University of Denver	Fa. Va. Pa.
Rosendorf, Stanley Bernard (II)	Md.	Stachowiak, Edward Joseph (II)	
B.S. 1948, University of Maryland		Stage, Anson Hutchinson (III)	D.C.
Rosenthal, Melvin Stanley (III)	D.C.	Stahl, Robert William (III)	
A.B. 1949, The George Washington University		A.B. 1948, Gettysburg College	
Rowe, Frank Joseph (III)	N.J.	Stallings, James Henry, Jr. (III)	Pa.
		A.B. 1948, Duke University	
		Stamey, Harry Clay (III)	
		A.B. 1949, The George Washington University	Wash.
		Stansfield, James Arthur (II)	
		B.S. 1940, State College of Washington	Calif. Ala.
		Stewart, Allan Hugh (III)	
		Stewart, Jonas Hartsell (II)	
		B.S. 1940, Alabama Polytechnic Institute	W.Va.
		Stine, Oscar Cebren (I)	
		A.B. 1950, Oberlin College	Md. Okla.
		Stokes, James Arthur (III)	
		Stone, Rodney Alan (I)	
		B.S. 1950, University of Tulsa	Wis. Ky. Mich.
		Stormont, James Russell (I)	
		Strasser, Noel Faine (II)	
		Strongski, Gerald Edward (II)	
		B.S. 1950, Wayne University	W.Va.
		Stump, Charles Albert (III)	
		A.B. 1948, University of Pennsylvania	Ill. Maine
		Sweete, Edward Chiles (I)	
		Sweet, Carlton Edward (I)	
		A.B. 1950, Bowdoin College	
		Taylor, Herbert Bradley (I)	Fla.
		B.S. 1950, The George Washington University	
		Teagle, Ernest Howard (II)	D.C.
		A.B. 1950, The George Washington University	

Thomas, Paul Augustus, Jr. (III) B.S. 1948, The George Washington University	Pa.	Wade, Robert Lee (IV) Waldorf, Richard Dean (III) A.B. 1948, University of South Dakota	Calif. S.D.
Thorkelson, John Milton (I) A.B. 1949, San Diego State College	Calif.	Wall, Samuel (I) B.S. 1950, Whitworth College	Calif. Wis.
Thorpe, Emmet Joseph (IV) B.S. 1948, Western Reserve University	Ohio	Wellso, Charles George (II) B.S. 1949, University of Wisconsin	N.J.
Ticktin, Howard Erwin (I) A.B. 1950, The George Washington University	D.C.	Wellwood, Robert Edward (I) A.B. 1950, Columbia University	D.C.
Titus, Elijah White, Jr. (III) Townsend, Charles Eby (IV) A.B. 1948, The George Washington University	D.C. D.C.	West, Marc Lee (III) B.S. 1948, The George Washington University	Va.
Tripp, Richard Carlton (III) A.B. 1947, State University of Iowa	Va.	Wherry, David Colwell (III) A.B. 1948, The George Washington University	Over- Calif. N.J. D.C.
Tsomidis, James Leonidas (II) Tuch, Harold Adrien (I) B.S. 1950, University of Cincinnati	Maine Ohio	Whisenand, Benjamin Murray (IV) Whitehead, Roger Donald (III) Whitlock, Charles Barton (I) Williams, Polly Teed (II) B.S. 1948, The George Washington University	Okl.
U			
Uhrik-Boone, Irene Joan (IV) B.S. 1943, M.S. 1946, Pennsylvania State College	N.M.	Wilson, Jack Herbert (I) A.B. 1950, University of Oklahoma	Wis.
Umhau, John Bernard, Jr. (III) A.B. 1949, The George Washington University	D.C.	Wilson, William Dean (IV) B.S. 1949, University of Wyoming	D.C.
Unger, Howard Robert (III) A.B. 1949, The George Washington University	D.C.	Wineland, Robert Kenneth (IV) A.B. 1948, The George Washington University	D.C.
V			
Van de Water, Malcolm Stickle (IV) Vann, Clarence Houston (II) B.S. 1947, Wayne University	Fla. D.C.	Woidich, Francis de Sales (III) B.S. 1945, Harvard University	Pa.
Vigoreaux, José Ramón (IV) Vivion, Charles George, Jr. (III) Waalkes, Teunis Phillip (IV) A.B. 1941, Hope College Ph.D. 1945, Ohio State University	Puerto Rico Wyo. D.C.	Wroth, Ralph Lane (IV) A.B. 1947, Kenyon College	
Wacker, Warren Ernest Clyde (IV)	Va.	Y	
		Yedziniak, Michael Aloysius (IV) Yocum, Myron Clair, Jr. (I) Young, Robert (IV) A.B. 1948, The George Washington University	Conn. Pa. D.C.



# SUMMARIES OF REGISTRATION

1950-51

## NUMBER OF REGISTRANTS

Class entering September 1950.....	92
Class entering September 1949.....	88
Class entering September 1948.....	86
Class entering September 1947.....	73

## GEOGRAPHICAL DISTRIBUTION OF STUDENTS

Alabama .....	7	New Mexico .....	2
Arizona .....	3	New York .....	14
California .....	23	North Carolina .....	2
Colorado .....	2	North Dakota .....	2
Connecticut .....	3	Ohio .....	18
District of Columbia.....	90	Oklahoma .....	4
Florida .....	7	Oregon .....	2
Georgia .....	1	Pennsylvania .....	22
Idaho .....	6	Rhode Island .....	1
Illinois .....	1	South Dakota .....	1
Indiana .....	2	Tennessee .....	2
Kansas .....	1	Texas .....	3
Kentucky .....	2	Utah .....	4
Maine .....	3	Virginia .....	21
Maryland .....	31	Washington .....	2
Massachusetts .....	1	West Virginia .....	5
Michigan .....	5	Wisconsin .....	9
Minnesota .....	4	Wyoming .....	1
Mississippi .....	1	Hawaii .....	1
Missouri .....	1	Puerto Rico .....	4
Montana .....	1	British Guiana .....	1
Nebraska .....	2		
Nevada .....	2		
New Jersey .....	17	Total.....	339

## GRADUATES OF COLLEGES REGISTERED IN THE SCHOOL OF MEDICINE

Alabama, University of .....	4	Capital University .....	1
Alabama Polytechnic Institute ..	1	Carleton College .....	2
Albion College .....	1	Catholic University of America..	2
American University .....	1	Cincinnati, University of .....	1
Amherst College .....	1	Citadel, The .....	1
Birmingham-Southern University.	2	Columbia University .....	3
Bowdoin College .....	1	Dartmouth College .....	2
Boston University .....	1	Dayton, University of .....	1
Brieham Young University .....	2	Denver, University of .....	1
Brooklyn College .....	1	Drew University .....	1
Brown University .....	1	Duke University .....	3
California, University of .....	4	Franklin College of Indiana .....	1
California, University of, at Los Angeles	2	Geneva College .....	1
		George Washington University...	91

Georgetown University .....	3	Pittsburgh, University of .....	3
Gettysburg College .....	1	Pomona College .....	1
Hamilton College .....	1	Princeton University .....	2
Harvard University .....	1	Puerto Rico, University of .....	1
Haverford College .....	2	Rensselaer Polytechnic Institute .....	1
Hawaii, University of .....	1	Rochester, University of .....	2
Hiram College .....	1	Rutgers University .....	1
Holy Cross, College of the .....	1	St. Vincent College .....	1
Hope College .....	1	San Diego State College .....	1
Howard University .....	1	Scranton, University of .....	1
Hunter College .....	1	Seton Hall College .....	1
Idaho, College of .....	1	South Dakota, University of .....	2
Idaho, University of .....	2	Southern California, University of .....	3
Iowa, State University of .....	1	Stanford University .....	1
Johns Hopkins University .....	2	Syracuse University .....	1
Kansas State College of Agriculture and Applied Sciences .....	1	Texas, Agricultural and Mechanical College of .....	2
Kentucky, University of .....	1	Texas Christian University .....	1
Kenyon College .....	1	Transylvania College .....	1
Maryland, University of .....	5	Tulsa, University of .....	1
Maryville College .....	1	Tusculum College .....	1
Michigan, University of .....	3	Union College .....	1
Michigan State College .....	1	Utah State Agricultural College .....	1
Minnesota, University of .....	2	Vanderbilt University .....	2
Montana State University .....	1	Villanova College .....	1
Mount Holyoke College .....	1	Virginia, University of .....	1
Mount Union College .....	1	Wartburg College .....	1
Muhlenberg College .....	2	Wartburg Theological Seminary .....	2
Nebraska, University of .....	1	Washington, University of .....	2
Nevada, University of .....	1	Washington, State College of .....	2
New York University .....	2	Wayne University .....	1
North Carolina, University of .....	2	West Virginia Wesleyan College .....	1
North Carolina State College .....	1	Western Maryland College .....	8
North Dakota, University of .....	1	Western Reserve University .....	1
Northwestern University .....	1	Whitworth College .....	8
Oberlin College .....	1	Wisconsin, University of .....	1
Occidental College .....	1	Wyoming, University of .....	5
Ohio State University .....	2	Yale University .....	1
Ohio University .....	1		
Oklahoma, University of .....	1		
Omaha, Municipal University of .....	1		
Pennsylvania, University of .....	4		
Pennsylvania State College .....	3		
Pennsylvania State Teachers College, East Stroudsburg .....	1		

Number of College Graduates 257

Number of Colleges Represented 107

## INDEX

### A

Administration, Officers of, 2  
 Administrative assistants, 27  
 Admission, 34-35  
 Application for, 35  
 Premedical-college, requirements for, 34

Advanced standing, 34  
 Anatomy, courses in, 43  
 Anesthesiology, courses in, 44  
 Arts and Medicine, combined curriculum, 40  
 Assistants in Instruction, 25-27  
 Attendance, 36  
 Awards, 38

### B

Bachelor of Arts, degree of, 40  
 Bacteriology, courses in, 45-47  
 Biochemistry, courses in, 48-49

### C

Calendar of the School, 1951-52, vi  
 Clinics, 32-34  
 Colleges from which students hold degrees, 85-86  
 Committees of the Faculty, 29-30  
 Courses of instruction, 42-76  
 Numbers and symbols used in connection with, 42

### D

Degrees conferred in 1950, 77-78  
 Departments of instruction, 31, 42-76  
 Dermatology, courses in, 50  
 Doctor of Medicine, degree of, 40

### E

Emeritus Professors, 3  
 Equipment and Facilities, 31-32  
 Examinations, 37

### F

Faculty, 28  
 Fees, 35-36  
 Payment of, 35-36  
 Financial Regulations, 35-36

### G

Geographical distribution of students, 85  
 Grades, 36  
 Gynecology, courses in, 58-60

### H

Health Administration, 36-37  
 History of the School, 30  
 Honor Societies, 38  
 Honors, 40  
 Hospital appointments, 33-34  
 Hygiene, courses in, 46, 47

### I

Internship, 38  
 Intern training, 40

### L

Laboratories, 32  
 Library, 32  
 Living accommodations, 39-40  
 Loan funds, 36

### M

Medical School Building, 31-32  
 Medical Technologist Course, 41  
 Medical Unit, Reserve Officers' Training Corps, U.S. Army, 38-39  
 Medicine, courses in, 51-55  
 Military Science and Tactics, courses in, 56

### N

Neurology, courses in, 57  
 Neurological Surgery, courses in, 57

### O

Obstetrics, courses in, 58-60  
 Ophthalmology, courses in, 61  
 Orthoptic Technician Course, 41  
 Oto-rhino-laryngology, courses in, 62

### P

Pathology, courses in, 63  
 Pediatrics, courses in, 64-65  
 Pharmacology, courses in, 66  
 Physical examinations, 37-38  
 Physical Medicine, courses in, 67  
 Physiology, courses in, 68-69  
 Plan of instruction, 31  
 Postgraduate instruction, 41  
 Preventive Medicine, courses in, 46, 47  
 Prizes, 38  
 Psychiatry, 70-71

### R

Radiology, courses in, 72  
 Registration, 35  
 Summaries of, 85-86



Regulations, 36-37  
Rehabilitation, courses in, 67  
Research, assistants in, 25-27  
Research building, 32  
Resident training, 40

## S

Scholarships, 38  
Staff of Instruction, 3-25  
Standing of the School, 30  
Student equipment, cost of, 36

Students registered, 79-84  
Surgery, courses in, 73-75  
Syphilology, courses in, 50

## T

Technical assistants, 27  
Textbooks, cost of, 36  
Trustees, Board of, 1

## U

Urology, courses in, 76

THE LAW SCHOOL

1951-52





THE  
GEORGE  
WASHINGTON  
UNIVERSITY  
BULLETIN

---

VOL. I

No. 5

---

THE LAW SCHOOL

---

WASHINGTON, D. C.

PUBLISHED IN MAY  
MCMLI

BY THE UNIVERSITY



## CONTENTS

	PAGE
CALENDAR OF THE LAW SCHOOL.....	vi
THE UNIVERSITY .....	1
The Board of Trustees.....	3
Officers of Administration.....	4
History and Organization, Academic Status, Location.....	5
THE LAW SCHOOL.....	7
The Faculty and Staff of Instruction.....	9
General Information .....	17
Admission .....	21
Registration .....	23
Fees and Financial Regulations.....	23
Scholarships, Prizes, Loan Funds.....	25
Regulations .....	26
Student Life .....	29
The Degrees .....	31
COURSES OF INSTRUCTION.....	35
DEGREES CONFERRED, 1950-51.....	44
STUDENTS REGISTERED, 1950-51.....	49
SUMMARIES OF REGISTRATION, 1950-51.....	81
INDEX .....	87



# CALENDAR

1951-52

Date	Day	Occasion
<b>1951</b>		
<b>FALL TERM:</b>		
Sept. 26-28.....	Wednesday through Friday .....	Registration
Oct. 1.....	Monday .....	Fall term begins
Nov. 12.....	Monday .....	Fall Convocation. Holiday
Nov. 22-24.....	Thursday through Saturday .....	Thanksgiving recess
Dec. 22-Jan. 2....	Saturday through Wednesday .....	Christmas recess
<b>1952</b>		
Jan. 3.....	Thursday .....	Classes resume
Jan. 4.....	Friday .....	Last day for receiving dissertations of candidates for the degree of Doctor of Juridical Science to be conferred the following May
Jan. 19-29.....	Saturday through Tuesday .....	Fall term examination period
<b>SPRING TERM:</b>		
Jan. 31 and Feb. 1.	Thursday and Friday.	Registration
Feb. 4.....	Monday .....	Spring term begins
Feb. 22.....	Friday .....	Winter Convocation. Holiday
April 11 and 12...	Friday and Saturday.	Easter recess
May 14-24.....	Wednesday through Saturday .....	Spring term examination period
May 25.....	Sunday .....	Baccalaureate Sermon
May 28.....	Wednesday .....	Commencement
<b>SUMMER TERM:</b>		
June 2.....	Monday .....	Registration for the first session
June 3.....	Tuesday .....	First-session classes begin
July 4.....	Friday .....	Independence Day. Holiday
July 29.....	Tuesday .....	First summer session ends
July 30.....	Wednesday .....	Registration for the second session of the summer term
Sept. 1.....	Monday .....	Second-session classes begin
Sept. 23.....	Tuesday .....	Labor Day. Holiday
Sept. 24-26.....	Wednesday through Friday .....	Second summer session ends
		Registration for the fall term of the academic year 1952-53

THE UNIVERSITY





## THE BOARD OF TRUSTEES

The Board of Trustees of the University is composed of the President of the University ex officio and the following persons by election:

Robert Vedder Fleming, LL.D., *Chairman*

Henry Parsons Erwin, A.B., *Secretary*

Newell Windom Ellison, A.B., LL.B., *Assistant Secretary*

Clarence Aiken Aspinwall

Lyman James Briggs, Ph.D., Sc.D., D.Eng., LL.D.

John St. Clair Brookes, Jr., A.M., LL.B.

Mrs. Wilbur John Carr

Homer Cummings, Ph.B., LL.B., LL.D., L.H.D.

\*Watson Davis, B.S. in C.E., C.E.

Mrs. Joshua Evans, Jr., A.B., Ed.D.

\*Robert Elliott Freer, A.B., LL.M.

Charles Carroll Glover, Jr., A.M., LL.B.,

Ulysses S. Grant, 3d, B.S., Graduate United States Engineers School

Gilbert Grosvenor, A.M., LL.D., Litt.D.

\*Brooks Hays, A.B., LL.B., LL.D.

John Edgar Hoover, LL.M., LL.D.

Frank Atherton Howard, B.S. in M.E., LL.B.

Robert Houghwout Jackson, LL.B., LL.D.

Alfred Henry Lawson, LL.B.

John Keown McKee

Benjamin Mosby McKelway

\*Miss Helen Newman, LL.M.

\*Claude Worthington Owen, LL.M.

Walter Rupert Tukerman, A.B., LL.B.

James Edwin Webb, A.B.

Alexander Wetmore, Ph.D., Sc.D.

\*Charles Stanley White, M.D., Sc.D.

Lloyd Bennett Wilson

\* Nominated by the alumni.

## OFFICERS OF ADMINISTRATION

### THE UNIVERSITY

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University*  
Harold Griffith Sutton, M.S., *Director of Admissions*  
Fred Everett Nessel, A.B., *Registrar; Secretary of the Faculties*  
John Russell Mason, B.S. in L.S., A.M., *Librarian; Curator of Art*  
Myrna Pauline Sedgwick, A.B., *Administrative Secretary*  
Henry William Herzog, B.S., *Comptroller*  
Donald David Blanchard, B.C.E., *Business Manager*  
Claud Max Farrington, A.M., *Director of Activities for Men*  
Virginia Randolph Kirkbride, A.M., *Director of Activities for Women*  
Alan Thomas Deibert, A.M., *Adviser to Students from Foreign Countries*  
Burnice Herman Jarman, A.M., Ed.D., *Director of the Summer Sessions*  
Daniel LeRay Borden, A.M., M.D., *Director of Health Administration*  
John Rust Busick, A.B., *Director of Public Relations*  
Don Carlos Faith, A.M., *Director of Veterans Education*  
Benjamin Douglass Van Evera, Ph.D., *Coordinator of Scientific Activities*

### THE LAW SCHOOL

Oswald Symister Colclough, B.S., LL.B., LL.D., *Dean of the Law School*  
Carville Dickinson Benson, A.B., LL.B., S.J.D., *Assistant Dean of the Law School*  
Louis Harkey Mayo, B.S., LL.B., *Secretary of the Law School*  
Anna Marie Bischoff, A.B., *Recording Secretary in the Law School*  
Ella Cooper Thomas, LL.B., *Assistant Librarian in Charge of the Law Library*  
Mona Estelle Keating, *Secretary to the Dean of the Law School*  
Barbara Faith Evans, *Secretary in the Law School*

## THE UNIVERSITY

### HISTORY AND ORGANIZATION

The idea of a university in the Capital of the Nation was sponsored by George Washington, who during his public life urged the establishment of such an institution and who in his will left fifty shares of stock in the Potomac (Canal) Company for the endowment of a university to be established in the District of Columbia "to which the youth of fortune and talents from all parts thereof might be sent for the completion of their Education in all the branches of polite literature;—in arts and Sciences,—in acquiring knowledge in the principles of Politics & good Government".

The George Washington University operates under a charter granted by an act of Congress of February 9, 1821, to Columbian College in the District of Columbia. In 1873 the name was changed to "Columbian University" and in 1904 to "The George Washington University".

The University as it is now organized consists of the Junior College, comprising the work of the freshman and sophomore years; Columbian College, the senior college of liberal arts, which offers work leading to the Bachelor's and Master's degrees; the Graduate Council, which offers work leading to the degree of Doctor of Philosophy; the professional schools, which include Medicine, Law, Engineering, Pharmacy, Education, and Government; the Division of University Students; the Division of Special Students; the College of General Studies; and the Summer Sessions.

### ACADEMIC STATUS

The George Washington University is on the final approved list of the Association of American Universities. This fact not only assures to students the academic standards of this association, but also is important to those who desire to transfer credits from one institution to another.

The University is also accredited by its regional accrediting agency, the Middle States Association of Colleges and Secondary Schools, and is on the approved list of the American Association of University Women. The University is a member of the College Entrance Examination Board.

The Law School is a charter member of the Association of American Law Schools and is approved by the Section of Legal



Education and Admissions to the Bar of the American Bar Association.

**LOCATION**

The George Washington University is in downtown Washington, four blocks west of the White House and east of the Potomac River with its extensive parkway. Within a few blocks are the buildings housing the offices of many of the departments of the Government, including the Department of State, the Department of the Treasury, the Department of Justice, the Department of the Interior, the Department of Agriculture, the Department of Commerce, and the Department of Labor. Also readily accessible are the Capitol, the Library of Congress, the National Archives, the Supreme Court, and other federal courts.

THE LAW SCHOOL





## THE LAW SCHOOL

### THE FACULTY AND STAFF OF INSTRUCTION \*

CLOYD HECK MARVIN, Ph.D., LL.D., *President of the University*  
 OSWALD SYMISTER COLCLOUGH, B.S., LL.B., LL.D., *Dean of the Law School*  
 CARVILLE DICKINSON BENSON, A.B., LL.B., S.J.D., *Assistant Dean of the Law School*  
 LOUIS HARKEY MAYO, B.S., LL.B., *Secretary of the Law School*

### EMERITUS FACULTY

WALTER COLLINS CLEPHANE  
*Professor Emeritus of Law*

LL.B. 1889, LL.M. 1890, LL.D. 1932, The George Washington University. Member Committee on Admissions and Grievances 1899-; District Court of the United States for the District of Columbia; Member 1906-; Conference of Commissioners on Uniform State Laws. In Practice of Law 1889-; Member of Clephane, Latimer and Hall, Washington (D. C.) 1918-48; Instructor in Moot Court 1890-1900, Professor of Law 1900-36, Professor Emeritus of Law 1936-; The George Washington University.

GILBERT LEWIS HALL  
*Professor Emeritus of Law*

A.B. 1899, Swarthmore College; LL.B. 1918, The George Washington University. Teacher and Division Superintendent of Schools 1901-10, P. I.; with U. S. Indian Service 1912-18; in Practice of Law with Clephane and Latimer, 1918-36; Member, Clephane, Latimer and Hall, Washington (D. C.) 1936-48; Lecturer in Law 1920-38, Adjunct Professor of Law 1938-42, Professor Emeritus of Law 1942-; The George Washington University.

JOHN WILMER LATIMER  
*Professor Emeritus of Law*

LL.B. 1897, The George Washington University. In Practice of Law 1906-13; Judge Juvenile Court of the District of Columbia 1913-17; Member, Clephane, Latimer and Hall, Washington (D. C.) 1918-48; Clerk of the Moot Court 1904-7, Instructor in Law 1908-9, Assistant Professor of Law 1910-11; Professor of Law 1913-42, Professor Emeritus of Law 1942-; The George Washington University.

WALTER LEWIS MOLL  
*Professor Emeritus of Law*

A.B. 1894, Concordia College (Ind.); Graduate 1899, Concordia Theological Seminary (St. Louis); LL.B. 1921, Indiana University; S.J.D. 1924, Harvard University. University Scholar 1902-3, University Fellow 1903-4, Johns Hopkins University; Professor of Law with Olds & Thomas, Fort Wayne (Ind.), 1920-22, Instructor in Commercial Law 1922-21, Instructor in Law 1921-23, Indiana University; Professor of Law 1924-43; Professor Emeritus of Law 1943-; The George Washington University.

HECTOR GALLOWAY SPALDING  
*Professor Emeritus of Law*

B.S. 1900, University of Minnesota; LL.B. 1903, S.J.D. 1924, Harvard University. Acting Assistant Professor of Law 1914-15, Stanford University; in Practice of Law with Ritch, Woodford, Bovee and Butcher, New York City; with Cassoday, Butler, Lamb and Foster, Chicago; Assistant Professor of Law 1920-22, Professor of Law 1922-47, Professor Emeritus of Law in Residence 1947-49, Professor Emeritus of Law 1949-; The George Washington University; Professor of Law, 1950-51, Washington University (Mo.).

\* The President of the University, the Dean and the Assistant Dean of the School, the Registrar of the University, the Director of Admissions of the University, Professors, Adjunct Professors, Associate Professors, and Assistant Professors constitute the Faculty.

## WENDELL PHILLIPS STAFFORD

*Professor Emeritus of Law*

LL.B. 1883, Boston University; A.M. 1901, Dartmouth College; LL.D. 1905, Litt.D. 1929, University of Vermont; LL.D. 1906, Georgetown University; Litt.D. 1910, Middlebury College; Litt.D. 1916, The George Washington University. Judge, Supreme Court of Vermont 1900-1904; Associate Justice, Supreme Court of the District of Columbia 1904-31; Lecturer on Agency 1904-6, Georgetown University; Professor of Law 1908-33; Professor Emeritus of Law 1929-. The George Washington University.

## WILLIAM CABELL VAN VLECK

*Professor Emeritus of Law in Residence*

A.B. 1908, LL.B. 1911, LL.D. 1948, The George Washington University; S.J.D. 1931, Harvard University. Member Summer Faculty 1924 and 1929, University of Michigan; 1927, Stanford University; 1914, University of Chicago; one of the Advisers to the Reporter on Conflict of Laws, American Law Institute 1926-34; Research Fellow 1930-31, Harvard University Law School; Instructor in Law 1912-16, Assistant Professor of Law 1916-19, Professor of Law 1919-51, Professor Emeritus of Law in Residence 1951-, Secretary of the Law School 1912-20, Acting Dean of the Law School 1923-24, Dean of the Law School 1924-49, The George Washington University.

Subject: Conflict of Laws

## ACTIVE FACULTY

## JENNINGS BAILEY, JR.

*Professorial Lecturer in Law*

A.B. 1926, Princeton University; LL.B. 1930, The George Washington University. Member, Bailey and Larson 1933-41, Bailey, Stephens and Huetting, Washington (D.C.) 1942-1946-. Principal Attorney, Office of Alien Property 1942-44; Vice-President and General Manager, Gyro Balance Corporation 1945-46. Professorial Lecturer in Law 1949-. The George Washington University.

Subject: Patent Trial Practice Court

## CARVILLE DICKINSON BENSON

*Professor of Law; Assistant Dean of the Law School*

A.B. 1920, Johns Hopkins University; LL.B. 1923, S.J.D. 1926, Harvard University. In Practice of Law with Benson, Nock & Rowe, Baltimore (Md.) 1924-25. Assistant Professor of Law 1926-29, Emory University; Assistant Professor of Law 1929-33, Assistant Professor of Law 1933-43, Professor of Law 1943-. Assistant Dean of the Law School 1949-. The George Washington University.

Subjects: Legal Method and Legal System, Real Property, Conveyances, Wills

## JOHN PATRICK BURKE

*Associate Professor of Law*

A.B. 1910, LL.B. 1941, The George Washington University. Law Clerk, United States Court of Appeals for the District of Columbia 1941-42; Assistant United States Attorney, District of Columbia 1942-48. Associate Professor of Law 1948-. The George Washington University.

Subjects: Criminal Law and Procedure, Legal Method and Legal System, Civil Procedure, Federal Jurisdiction

## OSWALD SYMISTER COLCLOUGH

*Professor of Law; Dean of the Law School*

B.S. 1920, United States Naval Academy; LL.B. 1935, The George Washington University; LL.D. 1946, Muhlenberg College. United States Navy 1917-49; Judge Advocate General 1945-48; Professor of Law and Dean of the Law School 1949-. The George Washington University.

Subjects: Admiralty, Legislation

## CHARLES SAGER COLLIER

*Professor of Law*

A.B. 1911, LL.B. 1915, S.J.D. 1932, Harvard University. In Practice of Law with Rounds, Schurman and Dwight (later Hughes, Schurman and Dwight), New York City 1915-16; Member Staff 1918-19, Cornell University Law School; Ezra Ripley Thayer Teaching Fellow 1931-32, Harvard University Law School; Member Faculty, Second Semester

1915-36, University of Wisconsin Law School; Assistant Professor of Law 1918-21, Acting Dean of the Law School 1930-31, Professor of Law 1921-. The George Washington University.  
Subjects: Constitutional Law, Jurisprudence, Taxation, Constitutional Law Seminar

**WILLIAM RANDALL COMPTON**

*Professorial Lecturer in Law*

LL.B. 1928, Union University (N. Y.); M.B.A. 1931, Harvard University; J.S.D. 1931, Cornell University. Clerk to Committee on Labor and Industry 1925-28, New York State Senate; Dean and Professor of Business Administration 1931-32, Green Mountain Junior College; in Practice of Law with McDowell and McDowell, Elmira, (N. Y.) 1933-35; General Counsel Quartermaster Corps, Department of the Army, 1941-; Chairman, Civilian Legal Personnel Committee, Department of the Army and Department of the Air Force 1946-. Assistant Professor of Law 1915-40, Associate Professor of Law 1940-46, Professorial Lecturer in Law, 1946-. The George Washington University.  
Subject: Domestic Relations

**ROBERT MCKINNEY COOPER**

*Associate Professor of Law*

A.B. 1929, West Virginia University; Ph.M. 1931, University of Wisconsin; J.D. 1934, University of Michigan. Special Assistant to the Attorney General of the United States 1934-39; Assistant to the General Counsel of the Federal Communications Commission 1939-41; Special Counsel to the Bonneville Power Administration, Department of the Interior 1941-43; Major, Military Government Division, War Department General Staff, United States Army 1943-46; Member, McFarland and Sellers, Washington (D. C.) 1946-47; Associate Professor of Law 1947-. The George Washington University.  
Subjects: Criminal Law and Procedure, Agency-Partnership, Corporations, Federal Jurisdiction

**GEORGE BOWDOIN CRAIGHILL**

*Adjunct Professor of Law*

A.B. 1903, University of the South; LL.B. 1906, Georgetown University. Member, McKenney, Flannery and Craighill, Washington (D. C.); Lecturer 1914-24, Washington College of Law; Adjunct Professor of Law 1939-. The George Washington University.  
Subject: Trial Practice Court

**ROGER ALLEN CUNNINGHAM**

*Assistant Professor of Law*

B.S. 1942, LL.B. 1948, Harvard University. Navy Department 1942-44; United States Navy 1944-46; in Practice of Law, Boston (Mass.) 1948-49; Teaching Fellow 1949-50, Harvard University; Assistant Professor of Law 1950-. The George Washington University.  
Subjects: Legal Method and Legal System, Real Property, Conveyances, Security Transactions

**JOSEPH DACH**

*Lecturer in Law*

LL.D. 1929, University of Budapest; LL.B. 1948, The George Washington University. Graduate study: University of Geneva 1924, University of Paris 1924-25, London School of Economics 1925-26, New York University 1942-43. Consultant, Foreign Economic Administration and Department of State, 1943-45; Director of Finance Division, Italian Technical Delegation 1945-; Lecturer in Law 1951-. The George Washington University.  
Subject: Monetary Law

**JAMES FORRESTER DAVISON**

*Professor of Law; Editor-in-Chief of the Law Review*

A.B. 1921, LL.B. 1923, Dalhousie University; LL.M. 1924, S.J.D. 1929, Harvard University. Lecturer in Roman Law and Jurisprudence 1924-28, Assistant Professor of Roman Law and Jurisprudence 1928-29, University of Toronto; Brandeis Research Fellow 1929-36, Research Fellow 1929-30, Harvard University; Assistant Professor of Law 1930-36, Associate Professor of Law 1936-45, Professor of Law 1945-. The George Washington University; Editor-in-Chief 1946-. The George Washington Law Review.  
Subjects: Administrative Law, Current Decisions, Administrative Law Seminar



**JUSTIN LINCOLN EDGERTON***Professorial Lecturer in Law*

A.B. 1929, LL.B. 1931, The George Washington University. In Practice of Law with Frank F. Nesbit 1931-39; Member, Pledger and Edgerton 1939-47; Member, Cromelin, Townsend and Kirkland, Washington (D. C.) 1947-; Clerk of the Trial Practice Court 1936-50, Associate in Law 1936-43, Lecturer in Law 1943-47, Professorial Lecturer in Law 1947-, The George Washington University.

Subject: Trial Practice Court

**WILLIAM LEIGH ELLIS***Lecturer in Law*

A.B. 1929, Hillsdale College; LL.B. 1933, LL.M. 1936, The George Washington University. Special Claims Examiner 1936-38, United States General Accounting Office; Attorney 1938-42, Principal Attorney 1942-45, Assistant to the Comptroller General of the United States 1945-; Lecturer in Law 1942-, The George Washington University.

Subject: Legislation

**JOHN THEODORE FEY***Associate Professor of Law*

LL.B. 1940, University of Maryland; M.B.A. 1942, Harvard University. United States Marine Corps 1942-46; in Practice of Law, Cumberland (Md.) 1946-49; Member of Maryland Legislature 1946-50; Graduate Fellow, Yale Law School 1950-51; Associate Professor of Law 1949-, The George Washington University.

Subjects: Municipal Corporations, Legal Accounting, Taxation-Federal

**WILLIAM THOMAS FRYER***Professor of Law*

A.B. 1922, LL.B. 1924, The George Washington University; J.D. 1925, Yale University. In Practice of Law with William Pepper Constable, Baltimore (Md.) 1924-26; Assistant Professor of Law 1926-29, Associate Professor of Law 1929-40, Professor of Law 1940-, The George Washington University.

Subjects: Evidence, Legal Method and Legal System, Personal Property

**WILLIAM LESTER GRIFFIN***Lecturer in Law*

A.B. 1941, Western Michigan College; LL.B. 1948, LL.M. 1949, University of Michigan. United States Army 1943-46; in Practice of Law, Ann Arbor (Mich.) 1949; Assistant Professor of Law 1950-, The George Washington University.

Subjects: Personal Property, Future Interests

**CONDER CAYWOOD HENRY***Adjunct Professor of Law*

A.B. 1915, LL.B. 1920, The George Washington University. Examiner 1915-24; Principal Examiner, United States Patent Office 1924-41; Assistant Commissioner of Patents 1941-46; Manager, Washington Patent Department, Radio Corporation of America 1946-; Adjunct Professor of Law 1948-, The George Washington University.

Subjects: Patent Office Practice, Patent Trial Practice Court

**PHILIP FIELD HERRICK***Professorial Lecturer in Law*

A.B. 1920, Williams College; LL.B. 1933, LL.M. 1936, The George Washington University. Assistant Editor, United States Law Week 1932-34; Assistant Counsel, National Recovery Administration 1933-35; in Practice of Law with Barbour, Garnett & Pickett, Washington (D. C.) 1935-40; Regional Director, Wage and Hour Division 1940-42; United States Attorney for Puerto Rico 1942-48; Member, Appeal Board, Office of Contract Settlement 1948-; Professorial Lecturer in Law 1948-, The George Washington University.

Subject: Trial Practice Court

**JOHN WINGFIELD JACKSON***Adjunct Professor of Law*

B.S. 1928, University of Pennsylvania; LL.B. 1931, The George Washington University. In Practice of Law 1932-36, Assistant United States Attorney for the District of Columbia 1936-41; Member, Jackson, Hannah & Jackson, Washington (D. C.) 1941-; Adjunct Professor of Law 1948-, The George Washington University.

Subject: Trial Practice Court

**JOHN ALEXANDER KENDRICK**

*Clerk of the Trial Practice Court*

A.B. 1912, LL.B. 1913, The George Washington University. In Practice of Law, Washington (D. C.) 1916-; Assistant Clerk of the Trial Practice Court 1948-50, Clerk 1950-; The George Washington University.

Subject: Trial Practice Court

**JAMES ROBERT KIRKLAND**

*Adjunct Professor of Law*

A.B. 1927, LL.B. 1928, LL.M. 1929, The George Washington University; C.P.A. (Delaware) 1931. Assistant United States Attorney for the District of Columbia, 1937-38. Member, Cromwell, Townsend, and Kirkland, Washington (D. C.) 1938-40; Judge, United States District Court for the District of Columbia 1940-; Lecturer in Law 1941-45; Adjunct Professor of Law 1945-; The George Washington University.

Subject: Trial Practice Court

**BOLITHA JAMES LAWS**

*Adjunct Professor of Law*

LL.B. 1913, LL.M. 1914, LL.D. 1950, Georgetown University. Assistant United States Attorney for the District of Columbia 1914-20. Assistant General Counsel, United States Shipping Board 1921-22. Member, Cromwell & Laws, Washington (D. C.) 1922-38; Judge 1938-45. Chief Judge 1945-; United States District Court for the District of Columbia; Judge, United States Emergency Court of Appeals 1943-; Adjunct Professor of Law 1939-41, Southeastern University; Adjunct Professor of Law 1947-; The George Washington University.

Subject: Trial Practice Court

**LOUIS LOSS**

*Professorial Lecturer in Law*

B.S. 1914, University of Pennsylvania; LL.B. 1917, Yale University. Attorney 1917-44. Chief Counsel 1941-48, Division of Trading and Exchanges, Associate General Counsel 1948-; United States Securities and Exchange Commission; Lecturer in Law 1941-42, Catholic University of America; Visiting Lecturer in Law 1942-; Yale University; Professorial Lecturer in Law 1949-; The George Washington University.

Subject: S.E.C. Aspects of Corporate Finance

**ELLIOTT DeJARNETTE MARSHALL**

*Adjunct Professor of Law*

LL.B. 1930, The George Washington University. In Practice of Law, Front Royal (Va.) 1930-46; Judge, Seventeenth Judicial Circuit of Virginia 1946-; Adjunct Professor of Law 1948-; The George Washington University.

Subject: Trial Practice Court

**LOUIS HARKEY MAYO**

*Assistant Professor of Law; Secretary of the Law School*

B.S. 1940, United States Naval Academy; LL.B. 1949, University of Virginia. United States Navy 1940-47; Graduate Fellow, Yale Law School 1949-50; Assistant Professor of Law and Secretary of the Law School 1950-; The George Washington University.

Subjects: Contracts, Wills, Insurance

**JOHN ALBERT MCINTIRE**

*Professorial Lecturer in Law*

A.B. 1928, Wittenberg College; LL.B. 1931, University of Cincinnati; Research Fellow 1945-46, Harvard University Law School; Editor, *Municipal Law Journal* 1917-41; Executive Director, National Institute of Municipal Law Officers 1937-41; Faculty Editor-in-Chief, *The George Washington Law Review* 1932-42; Member of Appeal Board, Office of Contract Settlement 1946-; Instructor in Law 1931-33, Assistant Professor of Law 1931-38, Associate Professor of Law 1938-46, Professorial Lecturer in Law 1946-; The George Washington University.

Subject: Government Contracts

**• LEROY SORENSON MERRIFIELD**

*Associate Professor of Law*

A.B. 1938, LL.B. 1941, University of Minnesota; M.P.A. 1942, Harvard University.

\* On leave of absence fall term 1951-52.

Administration Fellow, Graduate School of Public Administration, Harvard University 1941-42; Attorney, Office of Price Administration 1942; Attorney, Antitrust Division, United States Department of Justice 1946-47; Assistant Professor of Law 1947-48; Associate Professor of Law 1948-; Acting Dean of the Law School 1948-49; The George Washington University.  
Subjects: Legal Method and Legal System, Torts I, Labor Law

### ARTHUR SELWYN MILLER

#### *Lecturer in Law*

A.B. 1938, Willamette University; LL.B. 1949, Stanford University. United States Army Air Force 1941-46; Graduate Fellow, Yale Law School 1949-50; Assistant Professor of Law and Associate Faculty Editor, *The George Washington Law Review* 1950-51; The George Washington University.  
Subjects: Torts I, Public Utilities

### GEORGE EDWARD MONK

#### *Professorial Lecturer in Law*

A.B. 1928, LL.B. 1930, LL.M. 1934, The George Washington University. In Practice of Law with Darr and Darr 1930-34; with Frank J. Hogan 1934-41; with Hogan & Hartson, Washington (D. C.) 1945-; Allied Military Government, Sicily and Italy 1941-45; Lecturer in Law 1947-48, Professorial Lecturer in Law 1948-; The George Washington University.  
Subject: Trial Practice Court

### JAMES WARD MORRIS

#### *Adjunct Professor of Law*

A.B. 1912, University of North Carolina. In Practice of Law 1912-13; Special Assistant to the Attorney General 1933-34; Assistant Attorney General of the United States 1935-39; Judge, United States District Court for the District of Columbia 1939-; Adjunct Professor of Law 1939-; The George Washington University.  
Subject: Trial Practice Court

### JAMES OLIVER MURDOCK

#### *Professor of Law*

Ph.B. 1916, University of Chicago; LL.B. 1924, Harvard University. Certificate 1923, Academy of International Law, the Hague. In Practice of Law with Caldwell, Wickersham and Taft, New York City 1924-25; Assistant United States Attorney, Southern District of New York 1925-27; Assistant Solicitor and Assistant International Viser, Department of State 1927-36; Counsel for United States before International Joint Commission, United States-Canada 1929-33; Secretary to American delegation, International Conference of American States on Conciliation and Arbitration 1928-29; Counsel for United States, United States-Sweden Arbitration 1932; in Private Practice of Law, Washington (D. C.) 1937-46; Chairman, A.B.A. Section of International and Comparative Law 1935-37; Lecturer 1945 and 1948 sessions, Inter-American Academy of Comparative and International Law, Havana, and member of Curatorium; Lecturer in Law 1930-43; Adjunct Professor of Law 1943-46, Professor of Law 1946-; The George Washington University.

Subjects: Criminal Law and Procedure, Comparative Law, International Law, International-Comparative Law Seminar

### FRANK HAMMETT MYERS

#### *Adjunct Professor of Law*

LL.B. 1923, LL.M. 1924, The George Washington University. In Practice of Law with Norman B. Frost and Frederic N. Towers, Washington (D. C.) 1924-48; Judge, Municipal Court of the District of Columbia 1948-; Adjunct Professor of Law 1948-; The George Washington University.  
Subject: Trial Practice Court

### ALVIN LEROY NEWMYER

#### *Adjunct Professor of Law*

LL.B. 1906, The George Washington University. In Practice of Law since 1906; Member Newmyer and Bress, Washington (D. C.); Adjunct Professor of Law 1949-; The George Washington University.  
Subject: Trial Practice Court



SAUL CHESTERFIELD OPPENHEIM

*Professor of Law*

A.B. 1918, A.M. 1920, Columbia University; J.D. 1926, S.J.D. 1929, University of Michigan. Instructor in Economics 1921-26. Teaching and Research Assistant to Dean of Law School 1926-27. University of Michigan, Assistant Professor of Law 1927-30, Associate Professor of Law 1930-40. Acting Dean, winter term 1948. Professor of Law 1940-. The George Washington University. Faculty Editor-in-Chief, *The George Washington Law Review* 1942-45.  
Subjects: Torts II—Unfair Trade Practices, Federal Anti-Trust Laws, Trade Regulation Seminar

HERMAN ISRAEL ORENTLICHER

*Associate Professor of Law*

A.B. 1913, LL.B. 1916, Harvard University. In Practice of Law, Boston (Mass.) 1916-17. Law Clerk, United States Court of Appeals for the District of Columbia 1918. Bond Attorney 1919-21. Chief, Briefs and Opinions Section 1921-23. United States Housing Authority. Assistant General Counsel, National Housing Agency 1924-26. Assistant General Counsel, Housing and Home Finance Agency 1927-28. Associate Professor of Law 1929-. The George Washington University.  
Subjects: Legal Method and Legal System, Negotiable Instruments, Sales, Security Transactions

CHARLES SYLVANUS RHYNE

*Professorial Lecturer in Law*

LL.B. 1928, The George Washington University. In Practice of Law, Washington (D.C.) 1927-. General Counsel, National Institute of Municipal Law Officers 1938-. Lecturer in Law 1941, American University; Professorial Lecturer in Law 1949-. The George Washington University.  
Subject: Aviation Law

DUDLEY GRAHAM SKINKER

*Assistant Clerk of the Trial Practice Court*

LL.B. 1940, The George Washington University. United States Army, 1941-46; in Practice of Law, 1940-41; Member Poole and Skinker, Washington (D.C.) 1946-. Assistant Clerk of the Trial Practice Court 1950-. The George Washington University.  
Subject: Trial Practice Court

RAYMOND STEVENS SMETHURST

*Professorial Lecturer in Law*

B.S. 1930, Harvard University; LL.B. 1934, The George Washington University. Member of legal staff 1934-41, General Counsel 1941-49, National Association of Manufacturers; in Practice of Law, Washington (D.C.) 1949-. Professorial Lecturer in Law 1948-. The George Washington University.  
Subject: Labor Law

NORMAN ALFRED SUGARMAN

*Lecturer in Law*

A.B. 1938, LL.B. 1940, Western Reserve University. United States Army 1941-45; Attorney 1940-43, 1945-49. Special Assistant to the Chief Counsel 1940-. United States Bureau of Internal Revenue. Instructor in Speech 1938-40, Western Reserve University; Lecturer in Law 1940-. The George Washington University.  
Subject: Taxation-Federal

FRANCIS GERALD TOYE

*Professorial Lecturer in Law*

B.S. in E.E. 1927, Clarkson College of Technology; LL.B. 1932, The George Washington University. Patent Attorney, General Electric Company 1931-. Professorial Lecturer in Law, 1938-. The George Washington University.  
Subject: Substantive Patent Law

DAVID BENSON WEAVER

*Assistant Professor of Law*

A.B. 1943, Ohio Wesleyan University; LL.B. 1948, Western Reserve University. United

States Army 1943-48; in Practice of Law, Cleveland (Ohio) 1948-49; Assistant Professor of Law 1949- , The George Washington University.  
Subjects: Real Property, Equity, Trusts

**\*GLEN EARL WESTON**

*Assistant Professor of Law*

B.S. 1943, University of Maryland; LL.B. 1948, The George Washington University. In Practice of Law with McFarland and Sellers, Washington (D. C.) 1948-50, Assistant Professor of Law 1949- , The George Washington University.

**FREDERICK BERNAYS WIENER**

*Lecturer in Law*

Ph.B. 1927, Brown University; LL.B. 1930, Harvard University. Associate, Edwards and Angell, Providence (R. I.) 1930-31; Attorney, Public Works Administration 1931-34; Assistant Solicitor, Department of the Interior 1934-37; Special Attorney and Special Assistant to the Attorney General of the United States 1937-41; United States Army 1941-45; Assistant to the Solicitor General of the United States 1945-48. Member, Keenan, Kanfer, Wiener and Murphy 1948-50; in Private Practice of Law, Washington (D. C.) 1950- ; Special Lecturer 1947 and 1949, Washington College of Law of American University; Lecturer in Law 1951- , The George Washington University.  
Subject: Military Law and Jurisdiction

**COMMITTEES ‡**

**THE DEAN'S COUNCIL**

Carville Dickinson Benson

Charles Sager Collier

James Forrester Davison

Saul Chesterfield Oppenheim

William Thomas Fryer

Leroy Sorenson Merrifield

James Oliver Murdock

**COMMITTEE ON ADMISSIONS**

Carville Dickinson Benson, *Chairman*

Harold Griffith Sutton

Saul Chesterfield Oppenheim

**COMMITTEE ON GRADUATE STUDIES**

Charles Sager Collier, *Chairman*

Saul Chesterfield Oppenheim

James Oliver Murdock

James Forrester Davison

**COMMITTEE ON SCHOLARSHIP**

Herman Israel Orentlicher, *Chairman*

Carville Dickinson Benson

John Theodore Fey

**COMMITTEE ON CURRICULUM**

Saul Chesterfield Oppenheim, *Chairman*

Herman Israel Orentlicher

Roger Allen Cunningham

\* On leave of absence 1951-52.

‡ The President of the University and the Dean and Assistant Dean of the Law School are members ex officio of all committees.

LIBRARY COMMITTEE

James Oliver Murdock, *Chairman*

Robert McKinney Cooper

David Benson Weaver

GENERAL INFORMATION

INTRODUCTORY

LOCATION IN THE NATION'S CAPITAL

The George Washington University Law School, now in its 86th year, is the oldest law school in the District of Columbia. The School took part as a charter member in 1900 in the organization of the Association of American Law Schools and it has been an active member of the Association since that time. It is approved by the Section of Legal Education and Admissions to the Bar of the American Bar Association.

Traditionally the Law School has been national in the geographic distribution of its students. At the present time, holders of baccalaureate degrees from more than three hundred colleges and universities come from the forty-eight states, the territories, and several foreign countries to comprise the student body. As a consequence the courses of study leading to the degrees of Bachelor of Laws and Juris Doctor have been planned to provide instruction and training for the practice of law wherever the Anglo-American legal system obtains. The basic program, addressed to the development and application of the fundamental legal principles and skills which are indispensable to the equipment of a lawyer for professional responsibility and leadership in modern society, is supplemented by advanced courses as electives for senior students. A program of graduate work, with emphasis upon courses in the field of public regulation, is offered for those seeking further study and research in specialized fields of law.

Of special significance is the location of the Law School in the Nation's Capital, the focal point of the law in action, both American and international. The work of the School goes on in this environment, presenting a unique opportunity for observation and study of federal agencies—judicial, legislative, and administrative. Readily accessible are the Supreme Court of the United States, the federal trial and appellate courts of the District of Columbia, and, in addition, federal courts of special jurisdiction, such as the United States Court of Claims, the United States Court of Customs and Patent Appeals, and the Tax Court of the United States. Current federal legislation can be studied as it is considered by Congressional committees and as it comes up for debate on the floor of the House of Representatives and the Senate. It is with



respect to the federal administrative agencies that the students here in Washington have matchless opportunities for study and observation. They can attend informal and formal hearings of these agencies and can obtain from the docket sections complete records of administrative adjudication in specific cases. Illustrative of such federal agencies are the Interstate Commerce Commission and the Civil Aeronautics Board in the field of transportation; the Federal Trade Commission in the field of trade regulation; the Securities and Exchange Commission in the field of security issues and corporate finance; the National Labor Relations Board in the field of labor-management relations; the United States Patent Office in the field of patent law; the Federal Power Commission in the field of water, natural gas, and electric power; and the Federal Communications Commission in the field of radio and television.

Supplementing these environmental advantages of law in action are the exceptional research library collections in the Library of Congress, in the various departments of the Federal Government, and in the libraries of the headquarters of national and international organizations located in Washington. The notable library of the Carnegie Foundation for International Peace has been acquired by The George Washington University for use of research students in international and comparative law, fields with respect to which Washington has come to be called "The Capital of the World".

The years of residence at law school are years of participation in the life of the community, which, in the case of The George Washington University Law School, is the government of the United States by law. As a consequence, the study of law takes on added meaning, whether the goal be government service or practice, general or specialized.

#### MORNING AND EVENING DIVISIONS

The School maintains morning and evening divisions. The evening division, operating under the same standards as the morning division, provides an opportunity for employed students to obtain a legal education in keeping with American democratic ideals.

#### FALL, SPRING, AND SUMMER TERMS

The academic year consists of the fall and spring terms. Six terms of residence are required of candidates for the Bachelor of Laws degree in the morning division, eight for those in the evening division. The summer term is available for those who wish to accelerate their progress of study. Residence in the summer term, morning or evening, is counted the same as like residence during the fall or spring term.

Students may enter Law School at the beginning of any of the three terms.

## THE LIBRARY

The Law School Library of 28,000 volumes contains the official reports of the decisions of the courts of last resort of all the states prior to the National Reporter System and of fourteen states complete to date; the National Reporter System, complete; the reports of the United States Supreme Court and lower federal courts, and the reports of federal administrative agencies; Shepard's Citations for the units of the Reporter System; the English Reprint and English Law Reports; the United States statutes; the United States Code, Annotated, and the Federal Code, Annotated; reasonably complete sets of statutes of all of the states; the English statutes; the principal English and American digests and encyclopedias; collections of special reports and annotated cases; and the leading textbooks and legal periodicals.

The Library, which is on the fourth floor of Stockton Hall, is open from 9:00 A.M. to 10:00 P.M. each class day (Saturday, 9:00 A.M. to 5:00 P.M.), and from 2:00 to 6:00 P.M. on Sunday. Books and other materials do not circulate and must be used in the Library.

## THE LAW REVIEW

*The George Washington Law Review*, published by the University, is edited and managed by students of the Law School under the supervision of Faculty advisers. It is devoted exclusively to state and federal public law. The location of the University in the National Capital, where the primary sources of federal public law may be observed in operation, affords an unexcelled opportunity for specialization in this field.

The *Review* organization includes a faculty editor-in-chief, a faculty board of advisory editors, a board of departmental advisory editors, and a board of student editors. The student editors are chosen each year on the basis of scholarship.

## RESEARCH IN PUBLIC LAW

Research in public law is conducted under the supervision of members of the Faculty. The purpose of this research is to furnish means for training specialists in public law, either as government lawyers or as lawyers representing individuals or corporations in cases in which the Government is a party, and to assist in the analysis, clarification, formulation, and improvement of public law, substantive and procedural.

Candidates for the graduate degrees in the Law School and seniors who are eligible for the degree of Juris Doctor may pursue this work. Other students may be admitted with the special permission of the professor in charge.

### COURSES OF STUDY FOR FOREIGN LAWYERS

Courses of study are provided to meet the needs of lawyers who come from countries the legal systems of which are based on the Roman or Civil Law. The objective is to provide an opportunity for such students to acquire an understanding of the fundamentals of the common law so that they may work intelligently with its materials and practitioners. In this program the students are not assigned to special classes but work in association with other students in the regular law subjects. Each student's program is adapted to his individual needs. Cognizance is also taken of whether he intends to return to his own country or to remain in this country for the practice of American law. (See below, Master of Comparative Law degrees.)

### THE STUDENT BAR ASSOCIATION

Every student in the Law School is a member of the Student Bar Association. This is organized to enable students to become better acquainted with problems of the profession, to develop better professional ideals, and to bring about closer contact with members of the profession engaged in active practice of the law.

The work of the Student Bar Association is carried on by various committees and by group and general meetings of a professional and social nature. From time to time lectures are given by outstanding authorities on legal and professional problems.

The Placement Committee of the Student Bar Association assists graduates of the Law School to find employment and cooperates with the University Placement Office in assisting students in this respect.

### PRACTICE AND TRIAL PRACTICE COURT

The curriculum is planned to include such training in the fundamentals of practice as is feasible in a law school. Classroom instruction is conducted in the theories of pleading and procedure, trial and appellate practice, and evidence. This instruction includes grounding in the principles of the Federal Rules of Civil Procedure and the Federal Rules of Criminal Procedure. In addition each senior student is required to participate in the work of the Trial Practice Court. This includes trying a specified number of cases, both as a senior counsel and junior counsel. For students who are planning to practice patent law, a special section of the court is devoted exclusively to the trial of patent cases. Experience in preparing and arguing appellate court cases is also available through the Case Club Competition.

### ORDER OF THE COIF

The Order of the Coif, a national honor society with chapters in thirty-nine law schools, aims "to foster a spirit of careful study and to mark in a fitting manner those who have attained a high grade of schol-



arship." The George Washington University Chapter was established in 1926. Members are elected each year from the highest-ranking 10 per cent of the graduating class of the Law School.

## ADMISSION

### APPLICATION FOR ADMISSION

An applicant for admission must obtain from the Office of the Director of Admissions of the University an application blank which he must fill out completely and return with the application fee of \$3.00.

Two recent photographs with the applicant's signature must accompany the blank.

To insure prompt action, application should be filed not later than July 1 for the fall term, January 1 for the spring term, and May 1 for the summer term.

The applicant must request the registrar of each higher institution previously attended to mail directly to the Office of the Director of Admissions the transcript of his record, even though credits were not earned, together with an honorable dismissal from the institution last attended.

### REQUIREMENTS FOR ADMISSION

#### For the Degrees in the Professional Course

*Bachelor of Laws.*—A Bachelor's degree awarded upon completion of a four-year course in an approved college or university is required. All pre-legal work must be of a satisfactory quality and distribution. No student will be admitted who has been in attendance at another law school and who is ineligible to return to that school in good standing. From the applicants, a selection will be made by the Committee on Admissions.

*Juris Doctor.*—A student does not register as a candidate for this degree until his last year in the Law School. For details, see pages 31-32.

### ADVANCED STANDING

Advanced standing toward the degree of Bachelor of Laws may be granted only for work successfully completed in other Law Schools which are members of the Association of American Law Schools.

Advanced standing may not be granted for law work already counted toward the Bachelor of Arts or other pre-legal degree.

Students planning to attend summer school sessions at other law

schools and desiring to use credits obtained at such schools in their course at this Law School must first have the courses they wish to take approved by the Dean. In no event will credits be recognized in excess of those which might be obtained in a similar period in this School.

Advanced standing toward the degree of Juris Doctor will not be granted.

#### For the Degrees in the Graduate Course

Candidates for graduate degrees must be accepted by the Committee on Graduate Studies.

*Master of Laws.*—A Bachelor of Arts or equivalent degree from an approved college or university and a Bachelor of Laws or equivalent degree from a member school of the Association of American Law Schools are required. Candidates for admission must have attained an average grade on all work done for the Bachelor of Laws degree equivalent to the relative position of a B average in the standards of grading at this Law School, except that, in the discretion of the Committee on Graduate Studies, applicants otherwise eligible may be admitted on proof of experience and attainment as an alternative.

*Master of Comparative Law and Master of Comparative Law (American Practice).*—The following are required: (1) the successful completion of and graduation from a course in arts, philosophy, letters, or sciences, equivalent to graduation from a gymnasium, lycee, or liceo (junior college); and (2) graduation in law from a recognized foreign university where training was in Civil Law.

*Doctor of Juridical Science.*—The following are required: (1) the degree of Juris Doctor from this Law School; or (2) the degree of Bachelor of Arts from an approved college, the degree of Bachelor of Laws or the equivalent, earned with high rank, from a member school of the Association of American Law Schools, outstanding capacity for scholarly work in the field of law, and acceptance as a candidate by the Committee on Graduate Studies of the Law School.

#### Unclassified Students

A person eligible for admission to regular standing but not a candidate for a degree may, at the discretion of the Dean, be admitted as an unclassified student.

A person who is in good standing as a candidate for a degree in another law school which is a member of the Association of American Law Schools may, at the discretion of the Dean, be admitted as an unclassified student.

Work taken by an unclassified student will not be accepted for credit toward a degree at this Law School.

### REGISTRATION

Before attending classes each student must present himself in person for registration. No student will be registered in the Law School until proper credentials have been filed and approved (see "Admission", above). Registration is for the term or session only.

A late-registration fee of \$5 will be charged each student who is permitted to register after the regular registration days.

Registration may be changed only with the permission of the Dean.

### FEES AND FINANCIAL REGULATIONS

Application fee, non-refundable.....	\$3.00
Tuition fee, for each credit hour.....	15.00
For the degree of Doctor of Juridical Science:	
For work leading to and including the final examinations.....	400.00
Student Bar Association fee, for each term, or any part thereof except the summer term.....	2.00
Graduation fee.....	20.00
Fee for printing and filing summary of doctoral dissertation.....	60.00
Fee for special examinations, for each subject.....	5.00
Late-registration fee, charged each student who fails to register within the designated period.....	5.00
Residence fee, charged candidate for the degree of Doctor of Juridical Science wishing to maintain "in residence" status during each term after completion of tuition requirements.....	15.00
Service fee for late payment of tuition, see "Payment of Fees".....	1.00
Reinstatement fee, charged each student who is reinstated after being suspended for delinquency in fees.....	5.00

Registration in the University entitles each student to the following University privileges: (1) the issuance of three certified transcripts of record, if and when desired; (2) the services of the Placement Office; (3) the use of University library facilities, except as otherwise designated; (4) gymnasium privileges; (5) admission to all athletic contests, unless otherwise specified; (6) subscription to the *University Hatchet*, the student newspaper; (7) admission to University debates; (8) medical attention and hospital services as described under "Health Administration", pages 30 and 31. These privileges, however, with the exception of the issuance of transcripts, terminate, and a student is no longer in residence, when he withdraws or is dismissed from the University.

### PAYMENT OF FEES

All fees are payable at the Office of the Cashier, 725 Twenty-first Street NW. No student is permitted to complete registration or to attend classes until all fees are paid. Fees for each term are due and payable in advance at the time of registration.

Subject to the approval of the Comptroller, a student may sign a con-



tract for term charges, except for fees payable in advance, permitting payments as follows:

*Fall Term.*—One third at the time of registration; one third on November 3; one third on December 3.

*Spring Term.*—One third at the time of registration; one third on March 3; one third on April 3.

A student who fails to meet payments when due but who pays his fees on or before the tenth of the month in which payment is due is charged a service fee of \$1. A student who fails to meet payments by the tenth of the month in which payment is due will be automatically suspended and may not attend classes until he has been officially reinstated and has paid all accrued fees and a reinstatement fee of \$5. A suspended student may not be reinstated for the term after two weeks from the date of suspension. Applications for reinstatement are to be made to the Dean.

#### WITHDRAWALS AND REFUNDS

Application for withdrawal from the University or for change in class schedule must be made in person or in writing to the Dean. Notification to an instructor is not an acceptable notice.

In authorized withdrawals and changes in schedules, financial adjustments will be made as follows:

*Fall Term.*—Withdrawal dated on or before October 31, cancellation of two-thirds of tuition charges; withdrawal dated on or before November 30, cancellation of one-third of tuition charges. No refund or reduction will be allowed on a withdrawal dated subsequent to November 30.

*Spring Term.*—Withdrawal dated on or before February 29, cancellation of two-thirds of tuition charges; withdrawal dated on or before March 31, cancellation of one-third of tuition charges. No refund or reduction will be allowed on a withdrawal dated subsequent to March 31.

In no case will a refund be made of the first third of the total tuition charges. In no case will tuition be reduced or refunded because of non-attendance upon classes.

Payment applies only to the terms for which a registration charge is incurred and in no case will this payment be credited to another term.

Authorization to withdraw and certification for work done will not be given a student who has not a clear financial record.

Withdrawal from a course or from the University between October 31 and the end of the fall term and between February 29 and the end of the spring term is permitted only in exceptional cases.

The grade of *F* (to be counted as zero) will be given in a course dropped without the approval of the Dean.

All charges for courses dropped without the approval of the Dean

must be met by the student. Reporting the dropping of a course to an instructor does not effect its discontinuance.

#### SCHOLARSHIPS, PRIZES, LOAN FUNDS

*Charles Worthington Dorsey Memorial Scholarship.*—This scholarship, established in 1947 as a memorial to Charles Worthington Dorsey, Bachelor of Laws, '81, Master of Laws, '82, is awarded upon the recommendation of the Faculty of the Law School to a needy and promising graduate of Columbian College or other division of the University, with a Bachelor of Arts or other equivalent degree, who has maintained an average of *B* as an undergraduate student and who desires to pursue the study of law as a full-time student. The scholarship covers tuition for the course leading to the first degree from the Law School, Bachelor of Laws or Juris Doctor, provided that the holder maintains an average of *B*. The right is reserved to suspend the benefits of the scholarship for cause at any time. The scholarship is awarded ordinarily once every three years.

*Law School Scholarships.*—Seven scholarships are available each year in the Law School to graduates of accredited colleges. Each scholarship provides full three-years' tuition in the morning division of the Law School. Candidates must have graduated in the upper fifth of their class and must have demonstrated qualities of leadership in addition to scholastic attainment. To retain the scholarship, the successful candidate must maintain a *B* average. Application must be made before March 15 to the Dean of the Law School.

*Ellsworth Prize.*—The Ellsworth Prize of \$25, established by the late Fritz von Briesen, is awarded to the student doing the best work in the subject of Patent Law Practice.

*John Bell Larner Prize.*—This prize, established by the bequest of John Bell Larner, consists of a medal which is awarded annually to that member of the graduating class in the Law School who attains the highest average grade in the entire course for the degree of Bachelor of Laws.

*John Odronaux Prizes.*—These prizes were established in 1909 by the bequest of John Odronaux.

The amount of \$75 is awarded annually to the student in the Law School who has attained the highest average grade in the first year, full-time course; and \$75 to the student who has attained the highest average grade in the second-year, full-time course.

Through the generosity of friends of the University a number of loan funds are available to students in the Law School. Among them is the Henry Strong-William A. Maury Loan Fund established by the Henry

Strong Educational Foundation in memory of Henry Strong and William A. Maury. Application for loans should be made to the Comptroller of the University.

#### REGULATIONS

*Students in the Law School are subject to, and are expected to familiarize themselves with, the general University regulations stated in the University Catalogue.*

#### ORGANIZATION OF THE YEAR

The work of the year is organized into three terms known as the fall term, spring term, and summer term. The summer term is divided into two eight-week sessions, which together constitute a full term.

#### HOURS OF INSTRUCTION

Morning sections: Monday through Friday, 9:10 A.M. to 1:00 P.M.  
Trial Practice Court: Saturday, 9:30 to 11:30 A.M.  
Evening sections: Monday through Friday, 5:50 to 7:40 P.M.

#### AMOUNT OF WORK

Students without substantial outside employment may take a program of studies of fourteen hours a week in which the majority of credit hours must be in the morning sections. Students with substantial outside employment must take a limited program of studies not exceeding ten hours a week. Students taking a majority of their classes in the evening may not take more than ten credit hours a week.

#### ATTENDANCE

Regular attendance at classes is required and is necessary for successful work. A student who is deficient in class attendance in any subject may, by action of the Faculty, be barred from taking the examination in that subject.

Attendance at classes is limited to students registered to take them for credit. "Auditing" classes is not permitted.

#### RESIDENCE REQUIREMENTS

Attendance in the morning classes for the fall and spring terms is counted as residence for an academic year. Attendance in the evening classes for the fall and spring terms is counted as residence for three-fourths of an academic year. A morning student enrolled in a schedule of less than ten hours a week will receive residence credit in the ratio that the hours passed bear to ten. An evening student enrolled in a



schedule of less than six hours a week will receive residence credit in the ratio that the hours passed bear to six. Attendance throughout the summer term, morning or evening, is counted the same for residence purposes as like attendance during the fall or spring term.

No student admitted with advanced standing will be recommended for the degree of Bachelor of Laws until he has completed in this School at least one year of residence and passed successfully twenty-eight credit hours with the average required for the degree.

#### GRADUATION REQUIREMENTS

*Application for Graduation.*—Application for a degree should be filed in the Office of the Registrar at the time of registration for the last term of the senior or final year.

*Presence at Graduation.*—A candidate is required to be present at the graduation exercises unless written application for graduation in absentia is approved by the Dean.

#### EXAMINATIONS

Written examinations are held at the end of each course. Every student is required to take the regular examinations in the subjects pursued, unless excused. No excuse for absence will be granted except by the Dean and then only for illness or other emergency. Application for excuse must be made in writing not later than one month after the date of the examination. A grade of *NG* (no grade) will be entered on the record of a student thus excused, and he may take the next regularly scheduled examination in the subject for which the excuse has been granted.

No special examinations will be given; except that, upon written application to the Dean, showing sufficient cause, a candidate for a degree at a convocation before the next regular examination, if he would be entitled to take a postponed examination, may, at the discretion of the Faculty, be given a special examination.

If a student fails to take an examination, a grade of *F* (to be counted as zero) will be recorded, unless the student has obtained the Dean's permission to drop the course according to regulations stated on pages 24 and 25, or to be excused from the examination.

#### GRADES

Grades are indicated by the letters *A*, excellent, 85-100; *B*, good, 75-84; *C*, satisfactory, 65-74; *D*, poor, 55-64—below standard for graduation; *F*, failed—below 55; and *NG*, no grade—student excused from failure to take regularly scheduled examination. See "Examinations", above, for grade upon failure to take an examination.

The grades *A*, *B*, *C*, and *D*, mean that the work has been completed and credit given for the subjects.

*F*, failed, means that no credit will be given. To obtain credit the student must repeat the subject; but a student who has obtained an average of *C* in the work of two successive terms and received a grade of *F* in only one subject during those terms may take the next regular examination in that subject, and if on such reexamination he obtains a passing grade he will be given credit in the subject. Both grades are recorded.

#### EXCLUSION AND PROBATION FOR POOR SCHOLARSHIP

*Candidates for the Degrees in the Professional Course.*—A student who in one term, or two successive terms, fails in courses aggregating eight or more credit hours will be excluded, except that if currently registered he will be permitted to complete the work of the term. Such a student is not eligible thereafter to be registered in the Law School or to attend classes. While excluded he may, however, with the consent of the Faculty, be admitted to the next regular examinations in those subjects in which he has made a grade below passing, and if he receives a grade of passing in those subjects with an average sufficient to make his cumulative average not less than *C*, he will be reinstated.

A student not subject to exclusion under the foregoing rule who at any time fails to maintain a cumulative average of at least *C*, will be on probation during the next two terms in which he is registered. A student on probation may at the discretion of the Dean be required to reduce his program of study. If a student on probation does not make, during the probationary period, grades sufficient to give him a cumulative average of at least *C*, he will be excluded, except that if currently registered he will be permitted to complete the work of the term.

The cumulative average of a student includes all the grades in all the subjects taken while he is in the Law School as a candidate for a particular degree. When a subject is repeated or a reexamination is taken, both the first grade and the subsequent grade or grades are counted in the cumulative average.

In special cases in which a student who has been excluded can clearly demonstrate that he has the capacity to pursue the study of law with a definite likelihood of success, his low grades being due to special circumstances beyond his control, such student may be readmitted by the Faculty subject to such conditions as the Faculty may impose.

*Candidates for the Degrees in the Graduate Course.*—A candidate for one of the graduate degrees whose work is not satisfactory in the opinion of the Faculty, taking into consideration the requirements and standards for the degree, may, by action of the Faculty, be excluded at the end of the term for which he is currently registered.

**Unclassified Students.**—An unclassified student whose work is not satisfactory in the opinion of the Faculty may, by action of the Faculty, be excluded at the end of the term for which he is currently registered.

#### CLASSIFICATION OF STUDENTS

Students are divided into classes on the completion of credit hours as follows: first year, one through twenty-eight; second year, twenty-nine through fifty-six; third year, fifty-seven or more.

#### RIGHT TO CHANGE RULES

The University and its various colleges, schools, and divisions reserve the right to modify or change requirements, rules, and fees. Such regulations shall go into force whenever the proper authorities may determine.

#### RIGHT TO DROP STUDENTS

The right is reserved by the University to drop any student from the University or from any class or classes, whenever, in the interest of the student or the University, the University Administration deems it advisable to do so.

#### STUDENT LIFE

##### LIVING ACCOMMODATIONS

**Women Students.**—Women students under twenty-one years of age who are enrolled for twelve or more credit hours of academic work in the University must have their residences approved by the Director of Activities for Women before their registrations can be completed. In the Hattie M. Strong Residence Hall, single rooms are \$35 a month; double rooms are \$28 a month a person. Meals are served at the Student Union. Applications for rooms should be made well in advance. Forms for application, together with detailed information, may be obtained from the Director of Activities for Women.

**Men Students.**—Welling Hall provides double room facilities for 102 students. Dining facilities are available to all residents of this dormitory. Rooms rent for \$24 a month a person. Single and double rooms are provided for 203 students in Draper and Bradley Halls. These are temporary dormitories and residence is restricted to veterans of World War II who are enrolled for a minimum of twelve credit hours of academic work in the University. Single rooms are \$17 a month; double rooms are \$13 a month a person. The University maintains a limited number of temporary apartment units for married veteran students and their families subject to the same requirements for tenancy as above. Meals are served at the Student Union.



Application forms for reservations may be obtained from the Director of Activities for Men.

Information concerning private rooming and boarding facilities near the University for women students twenty-one years of age or older and for men students may be obtained at the offices of the Director of Activities for Women and the Director of Activities for Men. The reservation of rooms in private houses must be made by students.

#### PLACEMENT OFFICE

The Placement Office provides assistance for students seeking full- and part-time employment. This office maintains a registry of vacancies in the Government and in private industry and refers qualified applicants for appointment. Information is also available on Civil Service examinations.

The prospective student who expects to earn part of his expenses and who does not have a definite appointment to a position should have the means of support for at least one term. The obtaining of a position is contingent on so many factors that immediate employment cannot be assured.

#### HEALTH ADMINISTRATION

The University maintains a health service that is primarily diagnostic in its intent. For medical emergencies and health consultations there is, on the Campus, a Student Health Clinic open from 9:00 A.M. to 5:00 P.M., with physician and nurse in attendance. There is also a rest room for women, with a graduate nurse in charge.

Medical privileges include: (1) the physical examination of every student entering from secondary school; (2) three visits by the University physician or surgeon, office or residence (District of Columbia), in any one illness, exclusive of a specialist, surgical operation, laboratory, or X-ray examination; (3) hospitalization, including board and nursing in the University Hospital for not more than one week during any twelve month period—the necessity to be determined by the Director of Health Administration. The duration of hospitalization period (maximum, one week) is also to be determined by the Director of Health Administration.

This medical benefit does not apply to illness or disability incurred previous to the University term or prior to payment of tuition fees. The student is allowed if he so desires, to engage physicians and nurses of his own choice, but when he does so he will be responsible for the fees charged.

Rules: (1) The Director of Health Administration is empowered to limit or deny the medical benefits where, in his discretion, a student has, by his misconduct or breach of the rules of the University, made himself ineligible; (2) the Director of Health Administration has authority to

determine the necessity and length of hospitalization; (3) a student who has severed his connection with the University is ineligible for medical benefits; (4) a student intending to train for an athletic team is required to pass a thorough examination at the beginning of each term; (5) the above regulations apply also during the summer term of the University.

The University is not responsible for injuries received in inter-collegiate or intra-mural games, or in any of the activities of the departments of physical education.

#### PLACEMENT SERVICE FOR GRADUATES

The Law School takes a continuing interest in the placement of its graduates. The Dean and Faculty cooperate with the Placement Committee of the Student Bar Association and the University Placement Office in assembling information regarding opportunities for legal positions throughout the country. A register of openings for graduates is maintained based upon information received from alumni of the School, law firms, and government agencies. Students are invited to discuss their placement problems with the appropriate Law School officials and the Placement Committee.

#### THE DEGREES

##### IN THE PROFESSIONAL COURSE

These degrees are Bachelor of Laws (LL.B.) and Juris Doctor (J.D.).

##### REQUIREMENTS FOR THE DEGREE OF BACHELOR OF LAWS

To be recommended for this degree the student must have completed a residence period of not less than three academic years (four years for evening students) and eighty credit hours, with a cumulative average of at least *C*, including the course in Trial Practice Court.

##### REQUIREMENTS FOR THE DEGREE OF JURIS DOCTOR

This degree is conferred as a recognition of the completion at the George Washington University Law School, with high rank, of the full professional course including experience in research and legal authorship. To be recommended for this degree the student must have completed: (1) a residence period of not less than three academic years (four years for evening students) in the Law School; (2) eighty credit hours with a cumulative average of at least *B* including the course in Trial Practice Court and one of the following courses: Comparative Law, Jurisprudence, or one of the graduate seminars; and (3) one year of acceptable service on the board of student editors of *The George Washington Law Review*, election to which is subject to regulations laid down by the Fac-

ulty. Students taking the combined Arts and Law or Engineering and Law courses are not eligible for this degree.

#### HONORS

The degree of Bachelor of Laws or of Juris Doctor "with distinction" will be awarded students who obtain a cumulative average of *A* in the work for the degree.

#### IN THE GRADUATE COURSE

These degrees are Master of Laws (LL.M.), Master of Comparative Law (M.Comp.L.), Master of Comparative Law (American Practice) (M.Comp.L. (Am. Prac.)) and Doctor of Juridical Science (S.J.D.).

#### REQUIREMENTS FOR THE DEGREE OF MASTER OF LAWS

To be recommended for this degree the student must have completed a residence period of not less than two terms. Such residence should normally be continuous. All requirements for the degree must be completed in this Law School and in a period not exceeding two years after registration for work for the degree. The student must have completed with a minimum average of *B* twenty credit hours in courses listed in the law curriculum as graduate subjects (in the 400 group) except that in individual cases third-year subjects may be approved for inclusion in the program of study if not previously taken.

#### REQUIREMENTS FOR THE DEGREE OF MASTER OF COMPARATIVE LAW

To be recommended for this degree the student must have completed a residence period of not less than one academic year. He must have completed satisfactorily twenty-four credit hours in approved subjects in the curriculum of the Law School or of such other departments of the University as the Faculty of the Law School shall approve.

#### REQUIREMENTS FOR THE DEGREE OF MASTER OF COMPARATIVE LAW (AMERICAN PRACTICE)

To be recommended for this degree the student must have completed a residence period of not less than one academic year. He must have completed twenty-eight credit hours in approved subjects in the curriculum of the Law School with a cumulative average of at least *C*.

#### REQUIREMENTS FOR THE DEGREE OF DOCTOR OF JURIDICAL SCIENCE

To be recommended for this degree the student must have completed a residence period of not less than one academic year. He must have



pursued a course of study and research designated by his consultative committee and approved by the Committee on Graduate Studies. At the conclusion of his first year of residence, or at such other time as the Committee on Graduate Studies may set, the candidate must pass an oral examination in those fields of study selected by the consultative committee. This examination shall be conducted by the consultative committee and such other members of the Faculty and qualified experts from other research institutions as may be selected by the Committee on Graduate Studies.

Not later than the date specified in the University calendar the candidate must submit to the Dean one typewritten original and two legible and complete carbon copies of his dissertation in its final form. The dissertation must contain a summary of from 2,500 to 3,000 words inserted as an appendix. An additional original typewritten copy of this summary must be submitted for publication. To be acceptable the dissertation must, in the opinion of the examining committee, constitute a substantial contribution to the field of law concerned and be suitable for publication. Additional information will be supplied by the Chairman of the Committee on Graduate Studies.

The summaries of accepted dissertations will be printed in a volume forming a number of the *University Bulletin*. The successful candidate for the doctorate is required, before receiving his degree, to pay a fee to cover the expense of printing the summary of his dissertation.



COURSES OF INSTRUCTION





## COURSES OF INSTRUCTION

The courses of instruction listed below are subject to change. The University reserves the right to withdraw any course announced.

The number which precedes the name of a course indicates the term in which that course is offered. An odd number indicates that the course is offered in the fall term; an even number, that it is offered in the spring term; and a double number (e.g., 241-42), is that it begins in the fall and continues in the spring term. The letter "x" following an odd course number (e.g., 141x) indicates that the course, normally offered in the fall term, is given in the spring term. The letter "x" following an even course number (e.g., 112x) indicates that the course, normally offered in the spring term, is given in the fall term.

First-year courses are numbered from 101 to 200; second-year courses, from 201 to 300; third year courses, from 301 to 400; and graduate courses, from 401 to 500.

The number of hours of credit given for the satisfactory completion of a course is indicated in parentheses after the name of the course. Thus, a year course giving two hours of credit each term is marked (2-2), and a term course giving two hours of credit is marked (2).

Morning classes begin at 9:10 a.m. Evening classes begin at 5:50 p.m.

### 112-13 *Contracts* (4-2)

Mayo

Scope of protection accorded contracts; specific performance of contracts other than land transactions; damages, restitution. Mutual assent: offer and acceptance, misunderstanding, mistake, reformation, parol evidence rule. Consideration, third party beneficiaries, assignments, conditions, Statute of Frauds. Morning and evening sections.

Summer term 1951—Law 112x *Contracts* (4) Promissory obligation: offer and acceptance, consideration, Statute of Frauds, formal instruments, rights of third parties, assignments, joint obligations, conditions, performance, discharge.

### 123 *Criminal Law and Procedure* (4)

Murdock, Cooper, Burke

Origin and purposes of criminal law; elements of criminal liability; mental disorders; solicitation, attempt, and conspiracy; crimes against the person, against property, and against both; statutory offenses; criminal procedure, with consideration of Federal Rules of Criminal Procedure. Morning. (Also offered 1951 summer term.)

Law 123x—same as Law 123, but offered spring term. Evening.

### 129 *Legal Method and Legal System* (4)

Fryer, Benson, Merrifield,  
Burke, Orentlicher, Cunningham

Introduction to study of substantive and procedural law. Examination of basic concepts with training in method and technique of case law, based upon modern records in state and federal cases and individual

practice in the use of law books and legal writing. Importance of language in law and legal reasoning, both apart from and in connection with statutory interpretation and as affected by the use of precedents, under the doctrines of stare decisis, law of the case, and res judicata. Background on development of the English and American legal systems; organization of the judiciary and the bar, stressing enforcement of ethical standards. Fryer and Benson, *Cases on Legal Method*; Fryer and Benson, *Cases on Legal System*. Morning and evening sections. (Also offered 1951 summer term.)

Law 129x—same as Law 129, but offered spring term. Morning and evening sections.

133 *Personal Property* (2) Fryer, Griffin

Concepts of property and ownership; possession; finding; bailment; acquisition of title by bona fide purchase, adverse possession, accession, confusion, judgment, satisfaction of a judgment, and gift. Fraser, *Cases on Property*, Vol. II, 2d ed.; Fryer, *Readings on Personal Property*, 3d ed. Morning and evening sections.

Law 133x—same as Law 133, but offered spring term. Morning and evening sections.

137x *Real Property* (4) Benson, Cunningham, Weaver

Historical background of estates and conveyances; possessory estates; concurrent estates; natural rights; easements, profits, and licenses; adverse possession and adverse user. Morning and evening sections.

Summer term 1951—Law 137 *Real Property* (4) Real property:  
introduction; estates, seisin, landlord and tenant; future interests at common law and under the statutes of uses and wills; merger, elementary study of remoteness and powers; adverse possession; prescription; natural rights.

141x *Torts I* (4)

Intended and unintended interference with the person or tangible things, defamation of the person, malicious prosecution. Morning and evening sections. (Also offered 1951 summer term.)

205 *Civil Procedure* (4)

Function and composition of pleadings, including their relation to proof. Emphasis is upon reforms, as exemplified by modern code provisions and the Federal Rules of Civil Procedure. Clark, *Cases on Pleadings and Procedure*, 2d ed. Morning and evening sections. (Also offered 1951 summer term.)

214 *Constitutional Law* (4)

Historical introduction, judicial approach and methods, doctrine of the separation of powers, powers of the National Government, the federal system and relation of federal and state courts. Dodd, *Cases on Constitutional Law*, 3d ed. Morning and evening sections. (Also offered 1951 summer term.)

223 *Domestic Relations* (2)

Marriage, annulment, and divorce; rights of husband and wife; rights of parent and child; infants. Morning. (Also offered 1951 summer term.)



- 231 *Equity* (4) Weaver  
Specific performance of contracts; equitable conversion; Statute of Frauds; mutuality; conditions; defenses; equitable servitudes; powers of an equity court; effect of decrees, interpleader, bills of peace, cloud on title, rescission and reformation, mistake. Chafee and Simpson, Cases on Equity, 2d ed. Morning. (Also offered 1951 summer term.)
- 233 *Evidence* (4) Fryer  
Functions of court and jury; witnesses; hearsay, opinion, and circumstantial evidence; proof of authenticity and contents of writings. McCormick, Cases on Evidence, 2d ed. Evening. (Also offered 1951 summer term.)  
Law 233x—same as Law 233, but offered spring term. Morning.
- 246 *Negotiable Instruments* (4) Orentlicher  
Bills of exchange, promissory notes and checks, especially under the Negotiable Instruments Law. Morning and evening sections. (Also offered 1951 summer term.)
- 248x *Conveyances* (2) Benson, Cunningham  
Conveyances, rents, easements, profits, licenses, covenants running with the land, and recording. Kirkwood, Cases on Conveyances, 2d ed. Morning and evening sections.
- 251x *Restitution* (4)  
Legal remedies for restitution of benefits obtained or conferred by performance of contract, misrepresentation, mistake, and coercion.  
Summer term 1951.
- 253 *Torts II—Unfair Trade Practices* (4) Oppenheim  
Unfair trade practices at common law and under state and federal statutes. Trade-marks and trade names, including Trade-Mark Act of 1946. Misappropriation. False advertising at common law. Federal Trade Commission jurisdiction over misrepresentation practices. Lotteries and premiums. Disparagement of competitor's goods and business methods. State Fair Trade Acts (resale price maintenance). Price discrimination (State and Federal Robinson-Patman Act). State statutes prohibiting sales below cost. Including breach of contract. Commercial bribery. Miscellaneous business torts constituting unprivileged interferences with advantageous business relations. Oppenheim, Unfair Trade Practices, Cases, Comments and Materials (1950). Morning and evening sections.
- 254 *Wills* (2) Benson, Mayo  
Formation and revocation of wills; testate and intestate succession. Mechem and Atkinson, Cases on Wills and Administration, 3d ed. Morning and evening sections.
- 256 *Sales* (2) Orentlicher  
Common law, Uniform Sales Act and related statutes. Intention to transfer property interest (specific, unascertained, and future goods); specification and appropriation; cash and conditional sales; C.O.D.,

F.O.B., and C.I.F. shipments; negotiable bills of lading and warehouse receipts; trust receipts; fraud on seller, retention of possession and bulk sales; remedies of seller and buyer, including suit for price, stoppage in transit, seller's warranties; inspection. Morning and evening sections. (Also offered 1951 summer term.)

- 261 *Agency-Partnership* (4) Cooper  
Master and servant (status of agent), respondeat superior, nature of agency relation; actual authority, parties (disclosed and undisclosed principal), unauthorized transactions, notice, notification. Formation of partnerships, partnership property, rights and duties of partners inter se, nature and enforcement of the partnership obligation, dissolution of the partnership, actions by and against partners. Morning.
- 303 *Administrative Law* (4) Davison  
Legislative setting for administrative bodies: judicial control of administrative action, public utilities, taxation, alien laws. Federal Trade Commission, workmen's compensation, etc. Katz, Cases on Administrative Law. Evening. (Also offered 1951 summer term.)  
Law 303x—same as Law 303, but offered spring term. Morning.
- 305 *Municipal Corporations* (2) Fey  
Organization, powers, functions, and legal relations of local governmental units. Evening. (Also offered 1951 summer term.)
- 306 *Government Corporations* (2)  
Organization, powers, functions, and legal relations of functional governmental units separately incorporated. Prerequisite: Law 305. (Not offered in 1951-52.)
- 308 *Government Contracts* (2) McIntire  
Normal and war powers aspects of government procurement, including administrative and legislative policy and procedures, and legal problems involved in contracts, contract claims, policy price determination, contractual cost or profit control devices, renegotiation, termination settlement. Evening.
- 311x *Corporations* (4) Cooper  
Legal requirements as to contributions of capital; powers and rights of corporations, corporate officials, and shareholders. Berle and Warren, Business Organization—Corporations. Morning and evening sections. (Also offered 1951 summer term.)
- 315 *Conflict of Laws* (4) Van Vleck  
Study of cases involving foreign elements; principles of jurisdiction and limitations upon its exercise; procedure, torts, workmen's compensation, contracts, property, family law, administration of estates, business associations. Cheatham, Dowling, Goodrich, and Griswold. Cases on Conflict of Laws, 2d ed. Morning.  
Law 315x—same as Law 315, but offered spring term. Evening.
- 317x *Creditors' Rights* (4) Cunningham  
Remedies of unsecured creditors: judgments, fraudulent conveyances, creditors' agreements, equity and statutory receiverships, and bankruptcy. The general approach is that of law administration. Morning. (Also offered 1951 summer term.)

- 321-22 *Current Decisions* (2-2) Davison  
Required of, and limited to, members of the student staff of the *Law Review*. Time to be arranged.
- 324 *Federal Jurisdiction* (2) Cooper, Burke  
Constitutional and statutory origins of federal courts, cases arising under the laws and the Constitution, diversity of citizenship, jurisdictional amount, removal procedure and jurisdiction, limitations on federal jurisdiction, state and federal conflicts, substantive law applied by federal courts. McCormick and Chadbourn, *Cases on Federal Courts*. Morning.  
Law 324x—same as Law 324, but offered fall term. Evening.
- 326 *Insurance* (2) Mayo  
The insurance device in life, property, and other risks. Vance, *Cases on Insurance*, 3d ed. Morning.
- 327 *International Law* (4) Murdock  
Origin, nature, sources and authority; the international community, recognition, organization (the United Nations); nationality, territory, jurisdiction; treaties; diplomatic and consular agents; state responsibility and international claims; pacific settlement; war; neutrality. Morning and evening sections.
- 329 *Labor Law* (4) Merrifield, Smethurst  
Laws applicable to strikes, picketing, boycotts, etc.; organization and representation of employees; negotiation of collective bargaining contracts; inter-union and intra-union relations; settlement of wage disputes (arbitration, mediation, conciliation). Cases, legislative and administrative materials, readings. Morning and evening sections.
- 332 *Legal Accounting* (2) Fey  
A study of elementary accounting principles and techniques, and an introduction to the interpretation of financial statements. Evening. (Also offered 1951 summer term.)
- 333x *Legislation* (4) Colclough, Ellis  
Justiciable aspects of the legislative process; forms and types of statutes; principles of statutory interpretation, structure and drafting. Evening. (Also offered 1951 summer term.)
- 335-36 *Trial Practice Court* (2-2) Laws, Morris, Craighill, Kirkland, Edgerton, Myers, Marshall, Jackson, Herrick, Monk, Newmyer, Kendrick, Skinker  
To be taken in the senior year. Prerequisite: Law 205 and 233. Morning and evening sections.
- 337 *Future Interests* (2) Griffin  
Future interests at common law and under modern statutes, construction of limitations, powers of appointment, rule against perpetuities.  
Summer term 1951.



- 345 *Substantive Patent Law\** (2) Toye  
Substantive patent law; patentability; revision, use, and enforcement of patents. Evening.
- 346 *Patent Office Practice\** (2) Henry  
Rules of practice; appeal and interference procedure. Evening.
- 349-50 *Patent Trial Practice Court\** (2-2) Henry, Bailey  
This course may be elected instead of Law 335-36 to satisfy the Trial Practice Court requirement. Both subjects may not be counted toward a degree. Evening.
- 351 *Public Utilities* (2) Miller  
Limits of regulation of businesses affected with public interest; ascertainment of value of property used for the public service and the fixing of adequate rates of return. Welch, *Cases on Public Utility Regulation*, 3d ed. Evening.
- 358 *S.E.C. Aspects of Corporate Finance* (2) Loss  
Federal and state regulation of the distribution of securities, the securities markets, and the corporate structure, and management of public utility and investment companies. Primarily the aspects of corporate finance dealt with by the Securities and Exchange Commission. Evening.
- 362x *Security Transactions* (4) Orentlicher  
Security interests in real and personal property, their creation, transfer, enforcement, and extinguishment, together with security problems in the fields of suretyship and bankruptcy. Morning.
- 373 *Taxation* (2) Collier  
Introductory course on basic concepts of federal tax system. Attention given to state inheritance and income taxes. Problems of jurisdiction to tax, construction of tax statutes, methods of judicial review of administrative actions in the tax field, modern excise taxes on business concerns. Magill and Maguire, *Cases on Taxation*, 4th ed. Evening.
- 375x *Taxation—Federal* (4) Fey, Sugarman  
Federal income, gift, and estate taxes, and selected federal tax problems. Morning and evening sections.
- 378 *Federal Anti-Trust Laws* (4) Oppenheim  
Restraints of trade at common law. Public policy under Sherman Anti-Trust Act of 1890 and Federal Trade Commission and Clayton Acts, including mergers, consolidations, and monopoly. Loose association activities (price-fixing agreements, trade associations, international cartels). Specific practices such as resale price maintenance, delivered price systems, exclusive arrangements and tying devices, trade boycotts. Patents and copyrights under anti-trust laws. Remondies. Oppenheim, *Cases on Federal Anti-Trust Laws*. Evening.
- 381 *Trusts* (4) Weaver  
Creation, elements, administration, enforcement, termination. Liabilities to and of third persons. Resulting and constructive trusts. Bogert, *Cases on Trusts*, 2d ed. Evening.
- Law 381x—same as Law 381, but offered spring term. Morning.

\* Patent law students should take Law 345 and Law 349 concurrently in the fall term and Law 346 and Law 350 concurrently in the spring term. Law 349-50 may be taken only by students who are taking or have taken Law 345.

- 383 *Military Law and Jurisdiction* Wiener  
Sources of military jurisdiction; military law proper, including courts-martial jurisdiction and procedures before, during, and after trial; military government; martial law; laws of war and treatment of offenders. Evening.
- 403-4 *Administrative Law Seminar (2-2)* Davison  
Research seminar course in special problems, including the study of specific administrative agencies, federal or state. Time to be arranged.
- 406 *Aviation Law (2)* Rhyne  
Procedure before Civil Aeronautics Board; legal problems arising in connection with air transportation and airports, international conventions and organizations. Evening.
- 407 *Admiralty (2)* Colclough  
Federal and state jurisdiction; jurisdiction over waters, craft, contracts, torts, crimes, in equitable matters, etc.; laws applicable to maritime workers and maritime liens. Sprague and Healy, Cases on Admiralty. Evening.
- 415x *Comparative Law (4)* Murdock  
Historical and comparative study of the fundamental principles of the Roman and modern Civil Law (law of South and Central America and most of continental Europe); comparative study of selected legal institutions to exemplify significant differences between the civil and common law systems in source materials and in methods and approaches to the solution of legal problems. Evening.
- 421x *Constitutional Law Seminar (2)* Collier  
Research seminar in contemporary problems in constitutional law. Time to be arranged.
- 430x *International—Comparative Law Seminar (2)* Murdock  
Research seminar in contemporary problems. Time to be arranged.
- 435 *Jurisprudence (4)* Collier  
History of jurisprudence; schools of jurists, particularly the nineteenth century schools; sociological jurisprudence; theories of justice; the nature of law; law and morals; law and the state; the scope and subject matter of law, sources and forms of law; the traditional element; analysis of general legal concepts. Hall, Readings in Jurisprudence. Morning.
- 437x *Monetary Law (2)* Dach  
Introductory survey of the provisions of public law by which money is administered; the legal character of money and of monetary obligations; legal tender; the "dollar-for-dollar" rule and its limitations; protective clauses (gold, commodity, index clauses); foreign exchange (money of contract, money of payment; conversion; rate of exchange; conflict of laws problems). Evening.
- 451x *Trade Regulations Seminar (2)* Oppenheim  
A research seminar with specific current problems relating to federal anti-trust laws and unfair trade practices. Time to be arranged.

# DEGREES CONFERRED

## BACHELOR OF LAWS

NOVEMBER 11, 1950

Robert Louis Ackerly	N.Y.	John Pershing Downes	N.Y.
Irving Adler	Va.	A.B. 1949, The George Washington University	Nev.
B.S. 1949, New York University	D.C.	Ira Roy Earl	D.C.
Robert Horace Amidon	N.J.	B.S. 1948, Brigham Young University	Md.
Morton Amster	Calif.	William Eugene Early	Vt.
B.S. in E.E. 1948, Rutgers University	N.Y.	Roscoe Lynn Egger, Jr.	D.C.
Frederick Willard Barber	D.C.	B.S. 1942, Indiana University	D.C.
A.B. 1941, The George Washington University	Okla.	Robert Breene Eldredge	Md.
Richard Paul Barnard	Mo.	A.B. 1948, Duke University	N.Y.
B.S. in M.E. 1947, University of Michigan	Ohio	Martin Robert Fain	Tenn.
David Charles Bastian	N.C.	James Emory Faust	N.Y.
A.B. 1948, University of Maryland	Md.	A.B. 1948, The George Washington University	Va.
Jess Lee Beasley, Jr.	Okla.	Donald Edward Fitzgerald	N.Y.
A.B. 1936, Phillips University	Mo.	A.B. 1949, The George Washington University	N.Y.
M.S. 1947, University of Oklahoma	Ohio	Bennie Lyle Fletcher, Jr.	Tenn.
John Albert Beck	N.Y.	Leonard Forman	N.Y.
A.B. 1949, University of Tulsa	Okla.	B.S. 1940, College of the City of New York	N.Y.
Louis A. Bejmford	N.C.	James Frazer Fort	Va.
B.S. 1948, Miami University	Md.	Lawrence Aaron Fox	Va.
Frederick Joseph Bellamah	Va.	A.B. 1944, Clark University	Va.
A.B. 1949, The George Washington University	Md.	M.S. 1945, Syracuse University	Va.
Osborn S. Belt	Va.	Elizabeth Strahan Fretet	Alaska
A.B. 1943, Allegheny College	Md.	(With distinction)	N.Y.
M.C.S. 1947, Dartmouth College	N.Y.	A.B. 1942, Tulane University	Vt.
Anne Rutherford Bennett	Okla.	Maurice Wilfred Godwin	N.Y.
A.B. 1949, Goucher College	Okla.	A.B. 1944, Yankton College	Vt.
Albert Turner Blackwell, Jr.	N.Y.	Ronald Howard Goodland	Tenn.
A.B. 1948, University of Maryland	Okla.	Thomas Cooper Gordon	Tenn.
Francis Xavier Brennan	Md.	A.B. 1949, The George Washington University	N.Y.
Joseph Breslaw	D.C.	Eugene Everett Grithik	N.Y.
B.S. in M.E. 1946, University of Notre Dame	N.C.	A.B. 1947, The George Washington University	Ill.
James Edward Bryan	Va.	A.M. 1947, Columbia University	D.C.
B.S. 1945, M.S. 1946, Virginia Polytechnic Institute	Mass.	Harold H. H.	D.C.
George Aloysius Burroughs	D.C.	B.S. in Ch.E. 1947, Purdue University	D.C.
(With distinction)	N.C.	David Edwin Hammer, Sr.	D.C.
Barbara Campbell	Mass.	A.B. 1949, The George Washington University	Vt.
Humbert John Cantini, Jr.	D.C.	Edison Stanton Henry, Jr.	Mass.
Leonard Carroll	N.J.	Jordan Shelton Hamclarb	N.D.
A.B. 1949, The George Washington University	Va.	Robert Bruce Hirsch	N.D.
James Michael Caslin, Jr.	Tenn.	Abner Lee Hiss	N.D.
Armand Cifelli	Calif.	Nathaniel William Hopper	N.D.
Richard Edwin Cornwell	Pa.	Leon Russell Horne	N.D.
A.B. 1946, Hampden-Sydney College	Utah	B.S. 1944, Northeastern University	N.D.
John Langford Curran	Calif.	Donald Raymond Hutton	N.D.
A.B. 1949, The George Washington University	Pa.	B.S. in Ed.E. 1943, North Dakota State Teachers College, Valley City	N.C.
Clifford Davis, Jr.	Calif.	Henry Robert Huxley	N.C.
A.B. 1949, The George Washington University	Pa.	Michael Stanton Hunter	N.C.
Franklin Dea	Utah	B.S. 1948, University of North Carolina	N.C.
A.B. 1948, University of Maryland		Barnard Fulton Jentle	N.C.
John Richard DeBarr		B.S. 1948, University of Virginia	N.C.
A.B. 1947, Bucknell University		Everett Craig Jones, Jr.	N.C.
Duane Greenwood Derrick		Arthur Theop Kamm	N.C.
A.B. 1948, The George Washington University		A.B. 1948, American University	N.C.



Francis Keith Kelly A.B. 1948, The George Washington University	D.C.	Robert Rolland Poston B.S. 1934, State University of Iowa	Ind.
Perrin Aloysius Kent A.B. 1941, The George Washington University	Mo.	Stephen Franklin Preslar Walter Harlan Preston Milo V. Price Francis Vernon Queen	Tex. D.C. Nev. Va.
Edward Francis Kirby, Jr. Ph.B. 1937, Providence College	Conn.	A.B. 1941, Berea College	Kans.
Alexander Koziel	Pa.	William Lavern Reynolds	Va.
Bernard Jack Kune	D.C.	Thomas Totten Richardson	Mich.
Harry Campbell Landis	Md.	Herbert Betz Richards	N.C.
John Monte London A.B. 1941, Harvard University	N.Y.	Frederick Ludwig Rodenbeck, Jr. A.B. 1940, A.M. 1941, University of Nebraska	
Phyllis C. Loren	Minn.	Donald Lewis Rose	Pa.
Ralph Glyn Louk Frederick Luken	Va. Idaho	B.S. in Ch.E. 1947, Pennsylvania State College	
A.B. 1947, University of Idaho		Henry Rossi	R.I.
Julian Percy Lundy A.B. 1949, The George Washington University	D.C.	A.B. 1949, The George Washington University	
James Claude Lyda A.B. 1948, The George Washington University	D.C.	Bernard Rowitz A.B. 1948, Rutgers University	N.J.
Leonard Bruce Mackey B.E.E. 1945, Rensselaer Polytechnic Institute	N.Y.	Edgar Lee Secrest, Jr. B.S. 1941, University of Georgia	Va.
Duncan Shaw MacRae	D.C.	Julian James Shingler B.S. 1930, United States Coast Guard Academy	Ga.
Walter Victor Maki	Minn.	Lloyd Allen Shookman	Ind.
Richard Alton Martin	Va.	A.B. 1949, The George Washington University	
Mary Ellen McCarthy A.B. 1947, Duke University	D.C.	Eugene Paul Spector A.B. 1947, The George Washington University	D.C.
Buchanan Houston McCeney William Harrison McCullough	D.C. Md.	Richard Stetson A.B. 1949, The George Washington University	Md.
Thomas Kapp McDill A.B. 1948, Miami University	Va.	Alderic Clarence Sturtevant A.B. 1949, The George Washington University	Md.
Ernest Richard McIntyre	D.C.	Roy Albert Swayze	Va.
Joseph Patrick McKay	Mass.	James Charles Sweeney, Jr. B.S. 1948, University of Denver	Colo.
William Francis McLaughlin A.B. 1944, Swarthmore College	Pa.	Joseph Bernard Taphorn B.S. in Agr. 1943, University of Illinois	Ill.
Marietta Bortz McNally B.S. 1947, Temple University	Ind.	B.S. in Eng. 1949, The George Washington University	
John Stephen Mears, Jr. A.B. 1949, The George Washington University	D.C.	Earl Arunah Thomas A.B. 1949, The George Washington University	D.C.
Edward Alexander Mitchell, Jr. A.B. 1943, University of Virginia	N.Y.	Thomas Carlton Thompson, Jr. B.S. 1948, University of Pennsylvania	Md.
Walter Aaron Modance B.S. 1948, College of the City of New York	D.C.	Edward Gonzales Villalon	D.C.
Boyd Guerry Moore	Va.	Brainard Henry Warner III B.E.E. 1946, Yale University	Md.
Lewis Dawson Morris	Va.	Joseph Coates Webb, Jr. A.B. 1948, The George Washington University	D.C.
Joseph Patrick Murphy A.B. 1949, The George Washington University	N.Y.	Luther Charles West A.B. 1948, Birmingham-Southern College	Ala.
Michael Thomas Nerishi A.B. 1949, The George Washington University	Va.	Lewis Beaman Whitworth, Jr.	Md.
Warren James Nichols A.B. 1949, The George Washington University	Pa.	John Raymond Willett A.B. in Govt. 1948, The George Washington University	Maine
William John O'Brien B.S. 1943, Tufts College	Ohio	Lenard Lee Wolfe A.B. 1948, The George Washington University	Pa.
Ralph Babcock Pastoriza B.S. 1944, California Institute of Technology	Mich.	Joseph Herman Yount, Jr. A.B. 1948, Oberlin College	Ohio
Eugene Bernard Paulisch A.B. 1949, The George Washington University			
Samuel Eli Petkovich James Baker Pierce B.S. in E.E. 1943, University of Michigan			

FEBRUARY 22, 1951

Joseph Labe Abrahamson	Va.	Lloyd William Hamilton	D.C.
Howard Leonidas Auten	D.C.	A.B. 1948, The George Washington University	Va.
Kenneth Alexander Bailey	N.C.	Dale Wayne Hardin	N.Y.
Donald Benson Baird	Pa.	A.B. 1949, The George Washington University	N.Y.
A.B. 1948, University of Pittsburgh	Va.	Robert William Hayes	Va.
Alphonsus Albert Balavage	Mont.	A.B. 1949, Columbia University	Ill.
B.S. 1947, University of Pennsylvania	D.C.	Joseph Carl Hill	Ill.
James Franklin Battin	Ind.	B.S. 1949, Mount St. Mary's College	Ill.
Alta Mae Beatty	Kans.	James Cletis Hise	Conn.
Royal Arthur Bechtold	Ky.	A.B. 1948, University of Illinois	Pa.
B.S. 1948, Indiana University	Ill.	Edward Brewster Holt	Wyo.
John Elliott Beebe, Jr.	Ind.	B.S. in M.E. 1947, University of Michigan	Ohio
A.B. 1937, Municipal University of Wichita	Ind.	Russell Hale Hubbard, Jr.	Ohio
Hyland Bizot	Ind.	B.S. in E.E. 1944, Syracuse University	Ohio
B.S. 1934, University of Kentucky	Ind.	Isaac Isaac	Ohio
Henry Luke Brinks	Ind.	A.B. 1949, The George Washington University	Ohio
A.B. 1948, Wheaton College	Va.	Willis John Jensen	Ohio
Wilfred Gene Caldwell	Va.	B.S. 1947, Pennsylvania State College	Ohio
B.S. in E.E. 1945, M.S. in E.E. 1948, Purdue University	N.Y.	James Frederick Jones	Ohio
Dean Farrington Cochran	Va.	John Leo Kelly	Ohio
(With distinction)	N.Y.	B.S. 1947, Georgetown University	Ohio
A.B. 1949, The George Washington University	Va.	James Brooks Kinzer, Jr.	Ohio
Aldo John Cozzi	Va.	B.S. 1948, Pennsylvania State College	Ohio
B.S. 1946, M.E. 1947, Stevens Institute of Technology	Va.	Maurice H. Kitzman	Ohio
Frank Haywood Cullen	Va.	B.S. in M.E. 1948, Purdue University	Ohio
B.S. in Eng. 1949, The George Washington University	Va.	Peter James Kostik	Ohio
Stanley Charles Dalton, Jr.	Va.	A.B. 1949, The George Washington University	Ohio
B.S. 1947, Rensselaer Polytechnic Institute	Ohio	Robert Bosco Lagather	Ohio
Lewis R. Darlin, Jr.	Ohio	Leslie Wade Lathram	Ohio
Abraham Dobkin	N.Y.	A.B. 1917, Miami University	Ohio
A.B. 1948, The George Washington University	N.Y.	A.M. 1919, University of Cincinnati	Ohio
William Francis Donnelly	Md.	Gerald H. Lessuk	Ohio
John William Earman, Jr.	D.C.	Samuel Joseph L'Hommedieu, Jr.	Ohio
Frank Jones Earheart	N.C.	B.S. 1949, University of Maryland	Ohio
A.B. 1947, University of North Carolina	Va.	Thomas Alexander Lohm	Ohio
Frank Robert Estlinser	Va.	A.B. 1949, The George Washington University	Ohio
B.S. 1946, University of New Mexico	Pa.	Fred Eli Lott, Jr.	Ohio
John Joseph Farrell	Pa.	A.B. 1947, A.M. 1948, Syracuse University	Ohio
B.S. 1946, University of South Carolina	Pa.	Edward I. Mates	Ohio
Paul Henry Fields, Jr.	D.C.	A.B. 1929, Brooklyn College	Ohio
Harry Carl Fischer	D.C.	William Pendleton McClure	Ohio
A.B. 1948, The George Washington University	Mass.	B.S. 1949, University of Pennsylvania	Ohio
John Bryan Flaherty, Jr.	Mass.	Clyde Christian Metzger	Ohio
B.S. in E.E. 1944, Northeastern University	D.C.	B.S. 1948, Pennsylvania State College	Ohio
Michael Edward Foley	D.C.	Roy Hamilton Miller	Ohio
Edward Louis Fox	D.C.	Patricia Ann Mooney	Ohio
Robert Standish Frahm	Va.	A.B. 1941, Texas College of Mines	Ohio
Carl Walter Franzman	Ill.	A.M. 1944, East Texas State Teachers College	Ohio
William Albert Gail	Ill.	Ph.D. 1946, Cornell University	Ohio
B.S. in M.E. 1948, University of Illinois	Mich.	John Edward Morgan	Ohio
Jack John Garris	Mich.	John Clifford Mull	Ohio
A.B. 1947, University of Michigan	Md.	Martin Samuel Postman	Ohio
Alfred Merton Goldman	Va.	B.S. 1946, Virginia Polytechnic Institute	Ohio
Francis Guthrie Gordon, Jr.	N.J.	Andrew Paul Power	Ohio
Gerald Malvin Gorrin	Md.	A.B. 1947, The George Washington University	Ohio
John Allan Gray, Jr.	Mass.	Lavinia Lindsay Reidd	Ohio
B.S. 1949, Pennsylvania State College	Mass.	A.B. 1935, Randolph-Macon Woman's College	Ohio
Sidney Greenberg	Mass.	George Kenneth Gordon Reilly	Ohio
B.S. 1940, Massachusetts State College	Mass.	A.B. in Govt. 1947, The George Washington University	Ohio

Thomas Adams Robinson William Walter Rogal A.B. 1949, The George Washington University	D.C. Va.	Thomas Denmuth Spivey A.B. 1940, University of North Carolina	Va.
Clarence Richard Saccardi John Albert Sanders A.B. 1948, The George Washington University	D.C. Pa.	Alexander Louis Stevas A.B. 1949, The George Washington University	Va.
Joseph Samuel Schenck Eric Adolph Schuppert Howard Lawrence Shine A.B. 1949, Bowling Green State University	N.C. D.C. D.C.	Norman Frederick Stultz, Jr. Carl Richard Thackston A.B. 1949, Furman University	Mass. S.C.
Joseph Jerome Shutkin A.B. 1947, University of Wisconsin	Wis.	James Elmer Thompson, Jr. A.B. 1949, University of Maryland	Md.
Harry Daniel Sizemore A.B. 1949, College of William and Mary	Va.	Llewellyn Russell Wharry B.S. 1931, Bradley University A.M. 1916, University of Iowa	Ill.
Jack Albert Smith George Britton Somers A.B. 1939, University of Richmond	N.Mex. Va.	Sidney Roston Whitmore John Verner Whittenburg B.S. in Ch.E. 1948, Rice Institute	Nev. Tex.
Elisabeth Lamkin Southerland A.B. 1940, University of Georgia	Ga.	Don Frank Wilkins John Hawley Woodhull B.S. in E.E. 1942, Tufts College	Utah N.Y.
		William Pape Woods, Jr. Anthony Zabiegalski, Jr. A.B. 1949, Bucknell University	Va. Pa.

JURIS DOCTOR

NOVEMBER 11, 1950

John Alton Boyer (With distinction) A.B. 1948, The George Washington University	Md.	Nathaniel Hyman Ross A.B. 1934, A.M. 1935, New York University	N.Y.
Kitty Blair Frank A.B. 1943, University of Wisconsin	D.C.		

FEBRUARY 22, 1951

Catherine Burton Kelly A.B. 1949, Smith College	Md.	Milton Osberoff B.S. 1939, College of the City of New York	N.Y.
Mary Alice McConnell A.B. 1932, Hollins College	Fla.	Bernarr Roe Pravel B.S. in Ch.E. 1947, Rice Institute	Tex.

MASTER OF LAWS

NOVEMBER 11, 1950

Rankin MacDougal Gibson LL.B. 1949, University of Missouri B.S.L. 1948, St. Paul College of Law	Mo.	William Robert Richards LL.B. 1950, The George Washington University	Md.
Norman Palmer Glass A.B. 1947, Oklahoma City University	Okl.	Hiroshi Sakai LL.B. 1950, The George Washington University	Hawaii
Olle James Holbrook LL.B. 1950, The George Washington University	Ky.	Eugene Earl Threadgill A.B. 1949, University of Florida LL.B. 1944, Georgetown University	D.C.
Edward Sterling Irons B.S. 1942, J.D. 1947, University of Illinois	Ill.	Cornelius Brooks Thompson, Jr. LL.B. 1950, The George Washington University	Ga.
George Norman A.B. 1947, Western Maryland College	Md.	Gilbert Earl Weaver A.B. 1947, Lenior-Rhyne College LL.B. 1950, The George Washington University	N.C.
James Edwin Reagan LL.B. 1950, The George Washington University	D.C.		



## FEBRUARY 22, 1951

Vincent Hugh Donald Abbey	Wash.	Leon James Moran	Conn.
A.B. 1947, University of Washington		LL.B. 1949, The George Washington University	
LL.B. 1950, American University			Ohio
George Henry Beauchert, Jr.	Va.	Robert Karl Rath	
B.S. in B.A. 1946, LL.B. 1949, Georgetown University		LL.B. 1950, The George Washington University	D.C.
Walter William Burns, Jr.	N.Y.	Philip Henry Sheridan	
B.E.E. 1942, Cornell University		B.S. in E.E. 1944, Worcester Polytechnic Institute	
LL.B. 1949, The George Washington University		LL.B. 1949, The George Washington University	N.Y.
Earl Simeon Dowell	Ill.	Philip Strachman	
B.S. 1947, University of Illinois		B.B.A. 1941, College of the City of New York	
LL.B. 1950, The George Washington University			Pa.
John Vincent Gaughan		LL.B. 1949, Georgetown University	La.
A.B. 1942, Villanova College		John Barwick Strahan	
LL.B. 1949, The George Washington University		A.B. 1935, LL.B. 1938, Louisiana State University	D.C.
John Joseph Hagan	Conn.	Charles Stanley Sures	
B.S. 1943, Fordham University		A.B. 1947, LL.B. 1949, The George Washington University	Va.
LL.B. 1949, Georgetown University			
Joseph Earl Hall	W.Va.	Robert Eddington Swan	
A.B. 1940, Marshall College		B.S. 1937, College of Puget Sound	
LL.B. 1950, The George Washington University		LL.B. 1948, The George Washington University	N.H.
Charles Dennis McCarty	Mass.	Wing Wong	
B.S. in M.E. 1941, Northeastern University		LL.B. 1949, The George Washington University	
LL.B. 1948, Boston University			
Royce Baldwin McKinley	Md.		
A.B. 1942, University of Michigan			
LL.B. 1948, Harvard University			

## MASTER OF COMPARATIVE LAW

## NOVEMBER 11, 1950

Carlos Benito Fernandez	Fla.	Frederick William Winkelman	N.Y.
Doctor en Leyes 1943, University of Habana		J.D. 1937, University of Göttingen	
LL.B. 1949, University of Miami			

## FEBRUARY 22, 1951

John James Fischer	D.C.	Stefan Rosada	Va.
J.D. 1952, University of Szeged, Hungary		LL.B. 1922, University of Poznan	
Nanette Elisabeth Lissauer	The Netherlands	Simos Zuppas	Greece
LL.B. 1934, LL.D. 1938, University of Leiden		LL.D. 1938, University of Athens	

# STUDENTS REGISTERED

## SUMMER TERM 1950

### FALL AND WINTER TERMS 1950-51

<b>A</b>			
Abbey, Vincent H. D.	Wash.	Anderson, Walker Eldon	S.C.
A.B. 1947, University of Washington		B.S. 1941, University of South Carolina	
LL.B. 1950, American University		Anderson, William Lawrence	Md.
Abbott, Frank LeRoy	Mo.	B.S. in C.E. 1925, Ohio State University	
A.B. 1939, Central College, Mo.		Anderson, William Walter	Ill.
Abbey, Archie Lowell	Ill.	Andrews, William Taylor	D.C.
B.S. 1939, University of Illinois		B.S. in E.E. 1944, The George Washington University	
Abrahamson, Joseph Labe	Va.	LL.B. 1949, Albany Law School	Va.
Abrahamson, Milton E.	N.Y.	Anale, William Ward	Mich.
B.A. 1942, College of the City of New York		Annis, Robert James	N.Y.
Ackerly, Robert Louis	N.Y.	Ansher, Harold	
Adams, Eva Bertrand	Nev.	A.B. 1939, Brooklyn College	N.Y.
A.B. 1928, University of Nevada		Ansher, Norton	
A.M. 1936, Columbia University		B.S. in E.E. 1949, The George Washington University	Wis.
Addison, Francis Grant	D.C.	App, Oliver Lee	D.C.
B.S. 1947, Washington and Lee University		Appelstein, David	
Adler, Irving	Va.	A.B. 1939, The George Washington University	
B.S. 1939, New York University	Conn.	Archibald, John Harold	Md.
Agayoff, Theodore Daniel		B.S. 1939, University of Maryland	Ohio
A.B. 1949, The George Washington University		Arman, Herbert Edward	
Ahern, Frank Leo, Jr.	D.C.	LL.B. 1939, The George Washington University	
B.S. in M.E. 1944, Cornell University	N.Y.	Aries, Leonard Phillip	Ill.
Albright, Eugene	Calif.	Ph.D. 1930, J.D. 1932, University of Chicago	
B.S. in Eng. 1947, Northwestern University		Armstrong, Jack E.	N.Y.
Alch, F. Nabi	Afghanistan	B.S. 1939, Brooklyn College	
LL.B. 1947, University of Kabul		Arnold, Robert Selby	Va.
Alch, Theodore Henry	N.Y.	A.B. 1948, Princeton University	
A.B. 1947, A.M. 1949, The George Washington University		Asklew, Robert Frederike	Tex.
Allen, Edward Carlton, Jr.	Va.	Asst. Hy.	N.Y.
B.S. 1938, United States Coast Guard Academy		Asst. Linn. Asst.	D.C.
Allen, Edward Clayton	Md.	A.B. 1939, University of Pittsburgh	
A.B. 1949, Gettysburg College		Asper, Joseph	Pa.
Allen, Ross Lane	Md.	B.S. 1943, St. Vincent's College	
A.B. 1948, University of Maryland		LL.B. 1948, Georgetown University	D.C.
B.S. 1948, Cornell University	Maine	Atkisson, Timothy Bond	
Alster, Calate Jay		A.B. 1947, Harvard College	
B.S. 1948, Massachusetts Institute of Technology	Ill.	A.M. 1949, Oxford University, England	
Alter, Murray Marcia	D.C.	Ault, John Miller	Va.
A.B. 1950, University of Maryland		Austin, Howard Lambert	Va.
Alch, Robert Oscar	N.Y.	Austin, Howard Lambert	D.C.
Ammer, Robert Horace	D.C.	Azell, George C. Jr.	Va.
Ammer, Morton	N.J.	Avers, Albert Wright, Jr.	Va.
B.S. in E.E. 1948, Rutgers University		A.B. 1939, College of William and Mary	
Anderson, Earl F. and	W.Va.	Avers, Kenneth Navarre	Fla.
B.S. 1942, A.M. 1949, West Virginia University		B.S. 1941, United States Coast Guard Academy	
Anderson, Edmund Ralph, Jr.	Ohio	<b>B</b>	
A.B. 1948, Ohio State University		Babinski, Matthew	Pa.
Anderson, Robert Reynolds, Jr.	Va.	B.S. 1949, Worcester Polytechnic Institute	
B.S. 1941, University of Richmond		Bachrach, Morton Weisel	Va.
Anderson, Theodore W.	Ill.	Baker, Kenneth Alexander	N.C.
B.S. in E.E. 1948, University of Illinois		Bald, I. Edgar	Pa.
		A.B. 1939, University of Pittsburgh	

Baird, Donald Benson	Pa.	Behrends, Wolfgang Friedrich	D.C.
A.B. 1948, University of Pittsburgh		Faculty of Law 1949, University of	
Baker, Carl Wilfred	Ohio	Göttingen, Germany	Ohio
B.S. 1948, Ohio State University		Beimford, Louis A.	Ky
Baker, Gwynn Robinson	Mich.	B.S. 1948, Miami University	
B.S. 1948, Purdue University		Belcher, Carl William	Va
Baker, James Lockhart	Md.	LL.B. 1949, Duke University	N.Y.
B.S. 1949, University of Maryland		Belw, Raymond Fulton	
Baker, Robert Clifford	Wash.	Belkin, Leonard	D.C.
A.B. 1948, University of Minnesota		B.M.E., 1950, Cooper Union	
Balavage, Alphonsus Albert	Pa.	Bellamah, Frederick Joseph	Conn.
B.S. 1947, University of Pennsylvania		A.B. 1949, The George Washington	
Bandy, Alva Harlan	Kans.	University	
B.S. in C.E. 1947, Kansas State		Bellin, Robert Lewis	Md.
College of Agriculture and Applied		A.B. 1949, Norwich University	
Science		Belt, Osborn S.	
LL.B. 1949, Washburn Municipal		A.B. 1943, Allegheny College	Va.
University of Topeka	N.M.	M.C.S. 1946, Dartmouth College	
Banner, Roy Roscoe, Jr.		Bennett, William Batchelder	
A.B. 1936, Marshall College		B.S. 1935, University of New	
A.M. 1937, University of New Mexico		Hampshire	Calif.
LL.B. 1950, Georgetown University	Md.	A.M. 1936, Ph.D. 1941, Louisiana	
Barbano, Edward Francis		State University	Calif.
A.B. 1947, Syracuse University	Pa.	Benson, Floyd W.	Calif.
Barber, Alvin Thomas		A.B. 1933, Stanford University	
B.S. 1931, Susquehanna University	Calif.	Berg, Louella Miller	
Barber, Frederick Willard		A.B. 1950, The George Washington	Wash.
A.B. 1941, The George Washington		University	
University	D.C.	Berger, John William	D.C.
Barger, John Raymond	Mass.	A.B. 1943, University of Washington	Mo.
Barger, Herman H.		Bergman, William Hunter	
A.B. 1937, Harvard University		Bergmann, Robert Theodore	N.J.
Barish, Benjamin J.	Mich.	B.S. in E.E. 1943, University of	
B.S. in E.E. 1946, Illinois Institute		Missouri	N.Y.
of Technology		Berman, Abraham William	
Barnard, Richard Paul	Va.	B.S. 1949, Columbia University	
B.S. in M.E. 1947, University of		Berman, Hyman	D.C.
Michigan		A.B. 1949, The George Washington	
Barnes, Robert Dean	Mo.	University	Ohio
B.S. 1949, University of Missouri		Berman, Stanford Warner	
Barnhart, Arthur Gooding	D.C.	B.S. 1950, University of Maryland	
A.B. 1940, The George Washington		Bernard, Eugene Louis	Ill
University		A.B. 1949, Ohio State University	Ark
Barrow, Ralph Cooper	Va.	Berry, Jack Aloysius	
B.S. 1930, United States Military		Berry, Jack Vanarb	N.Y.
Academy		B.S. in M.E., 1946, University of	Ner.
LL.B. 1934, Harvard University		Arkansas	
Barton, Fred Hubert	D.C.	Berry, Seymour	
Baccalaureate, Realgymnasium, Pilsen		Berson, Harold Ralph	N.C.
License Internationales, Paris		A.B. 1949, The George Washington	
Baskin, Alan Irwin	Va.	University	Va.
A.B. 1948, Pennsylvania State College		Best, Lee James	
Bastian, David Charles	D.C.	A.B. 1919, Duke University	
A.B. 1948, University of Maryland		Beuchert, George Henry, Jr.	Pa.
Battin, James Franklin	Mont.	B.S. 1946, LL.B. 1949, Georgetown	
Bauer, William Earle	D.C.	University	
B.S. 1950, University of Maryland		Bevelacqua, Charles Angelo	D.C.
Baum, Norman	Pa.	B.S. in M.E. 1947, University of	
A.B. 1948, Bucknell University		Pittsburgh	
Baylinson, Richard Norman	N.J.	Biegel, Mark M.	Nebr.
Beardmore, Walter Harvey	Md.	A.B. 1944, The George Washington	
Beasley, Jess Lee	Va.	University	
A.E. 1937, Phillips University		Bierbower, James Joseph	Utah
M.S. 1941, University of Oklahoma		B.S.S. 1947, LL.B. 1949, Georgetown	
Beasley, Philip Gene	Ill.	University	Md.
A.B. 1949, Washington University		Signall, Blas O., Jr.	
Beatty, Alta Mae	D.C.	B.S. 1948, Georgetown University	
Bechtold, Royal Arthur	Ind.	Birdsell, John Edmund	N.Y.
B.S. 1948, Indiana University		A.B. 1945, LL.B. 1947, The George	
Beck, John Albert	Mo.	Washington University	N.Y.
A.B. 1949, University of Tulsa		Birnbaum, Irving	
Beebe, John Elliott, Jr.	Kans.	A.B. 1938, Brooklyn College	
A.B. 1937, Municipal University of		Bisceglia, Victor Ralph	
Wichita		A.B. 1940, Columbia College	



Biskin, Allen Raymond B.S. 1950, University of Maryland	Md.	Bourne, Hunter Carson, Jr. B.S. in E.E. 1945, B.S. in I.E. 1947, Virginia Polytechnic Institute	Va.
Bizot, Hyland B.S. in M.E. 1934, University of Kentucky	D.C.	Bowers, Arthur Lewis B.S. in E.E. 1948, College of the City of New York	N.Y.
Bjorklund, Otto Edward A.B. 1950, The George Washington University	Minn.	Bowron, Frank Lloyd Boyer, John Alton A.B. 1948, The George Washington University	Wyo. Md.
Black, George La Dow B.S. in E.E. 1946, University of South Carolina	Md.	Boyle, James David A.B. 1947, University of Scranton LL.B. 1949, Georgetown University	Pa.
Blackwell, Albert Turner A.B. 1948, University of Maryland	Md.	Bradway, Malcolm Stuede B.S. in M.E. 1948, Purdue University	Ind.
Blanz, James McCauley A.B. 1949, Bowdoin College	D.C.	Brastow, Jerome Dutyea A.B. 1949, The George Washington University	D.C.
Blaul, William Donald B.S. 1948, Saint Francis College	Md.	Breber, William Russell A.B. 1948, Michigan State College M.S. 1949, University of Wisconsin	Mich.
Blickley, Leo Frederick B.S. 1950, University of Maryland	Md.	Bremer, Frederick Godfrey B.S. 1948, University of Notre Dame	D.C.
Blizard, William Allport B.S. 1948, West Virginia University	Md.	Brennan, Francis Xavier Brenner, Joseph Frank A.B. 1944, University of Newark	N.Y. N.J.
Bluch, Robert Oakleigh A.B. 1949, The George Washington University	Nebr.	Breslaw, Joseph B.S. 1946, University of Notre Dame	Colo.
Blondes, Leonard Saul A.B. 1951, Western Reserve University	D.C.	Brewster, Mary Sandford LL.B. 1950, The George Washington University	Va.
Bloom, Jerome Philip B.S. in M.E. 1947, Wayne University	Md.	Briggs, William Owen, Jr. B.S. 1949, University of Missouri	Mo.
Bloom, Daniel B.S. in M.E. 1946, College of the City of New York	N.Y.	Brimer, Alan Anthony A.B. 1950, University of Maryland	D.C.
Blumenfeld, Ladore David B.S. in E.E. 1949, Case Institute of Technology	Ohio	Brinks, Henry Luke A.B. 1948, Wheaton College, Ill.	Ill.
Blumenkopf, Norman A.B. 1941, Brooklyn College	N.Y.	Britton, George Henderson A.B. 1949, Miami University	N.J.
Blute, William Augustine Boat, Marion Derrick A.B. 1950, University of Chicago	D.C.	Brody, Alfred Lawrence B.S. in E.E. 1946, Northeastern University	Mass.
Bogen, William A.B. 1949, The George Washington University	N.Y.	Brody, Leonard Harry Bronaugh, Alfred Taylor B.S. in E.E. 1939, J.D. 1949, LL.M. 1950, The George Washington University	N.Y. D.C.
Bogard, Abraham B.S. 1941, College of the City of New York	N.Y.	Bronaugh, John Reeder B.S. in M.E. 1947, Virginia Polytechnic Institute	D.C.
Bohan, Joseph James Boisvert, Harold Vincent Ph.B. 1940, University of Notre Dame	Pa. D.C.	Brookings, Walter DuRoi, Jr. A.B. 1947, Harvard University	Va.
LL.B. 1947, Catholic University of America		Brooks, James Fogelsong A.B. 1940, Marshall College	W.Va.
Bollinger, Howard Moore B.S. in E.E. 1943, M.S. in E.E. 1947, Massachusetts Institute of Technology	D.C.	Brooks, William L. B.S. 1943, Brooklyn College	N.Y.
M.B.A. 1948, Harvard University		Brown, Benjamin Franklin Brown, Donald Arthur A.B. 1949, The George Washington University	Md. D.C.
Bookman, Irving A.B. 1940, New York University	N.J.	Brown, Elsie-Mio A.B. 1949, The George Washington University	D.C.
Boone, James Saunders A.B. 1950, University of California	Calif.	Brown, Martin John B.S. in C.E. 1948, Purdue University	Ark.
Borcherding, Earl William A.B. 1950, The George Washington University	D.C.	Brown, Wallace Edmund A.B. 1949, University of Maine	Mass.
Bord, Paul Arnold B.S. in C.E. 1934, University of Kansas	Va.	Browne, Francis Cedric A.B. 1936, LL.B. 1942, University of Akron	Va.
M.B.A. 1938, Harvard University A.M. 1944, Columbia University			
Bostrick, Robert Edwin A.B. 1948, University of Alabama	Md.		
Bottoms, Patrick Francis B.S. 1947, Seton Hall College	Va.		

Browning, Edmund L., Jr. A.B. 1937, The George Washington University	D.C.	Campbell, Charles Frederick A.B. 1949, The George Washington University	Va.
Broz, Richard Francis	Wash.	Campbell, Francis Walter B.S. 1946, Rhode Island College of Education	R.I.
Bruce, Albert Cabell	D.C.	Campbell, James Joseph Campbell, Paul Calvin	D.C. Md.
Brumbaugh, Heber Byron B.S. 1920, United States Naval Academy	D.C.	A.B. 1938, M.Ed. 1939, Pennsylvania State College	Md.
Brunauer, Sander LL.D. 1928, University of Pecs	D.C.	Campbell, Robert Alexander, Jr. Cantini, Humbert John, Jr.	N.C. N.Y.
Bruskin, Leo A.B. 1949, The George Washington University	Conn.	Cantor, Bernard J. B.S. in M.E. 1949, Cornell University	Ohio
Bryan, James Edward B.S. 1945, M.S. 1946, Virginia Polytechnic Institute	Md.	Cantwell, Frank Michael B.S. 1949, Georgetown University	Mass. D.C.
Bryant, Kenneth Alexander B.A. 1948, University of Florida	Fla.	Canulla, Guido John Capelli, Joseph Thomas	Md. Md.
Buchanan, Katherine Donnell A.B. 1946, Tulane University	Ark.	B.J. 1930, University of Missouri Carliner, Louis Elliot	Tenn.
Buckley, Robert Baldwin B.S. in Eng. 1949, The George Washington University	Va.	Carlson, Randolph Adair A.B. 1948, Brown University	Md. Calif.
Burton, Elizabeth A.B. 1949, The George Washington University	D.C.	Carne, William Benton B.S. 1943, University of Tennessee	Mass.
Burton, Edgar Douglas B.S. 1944, Syracuse University	N.Y.	Carpentier, Patrick Louis Carr, Robert Addison	Va.
Burns, Francis Henry Burns, Walter William, Jr. B.S. in E.E. 1942, Cornell University	Pa. N.Y.	Carr, Robert Mackin A.B. 1948, Dartmouth College	Va.
LL.B. 1949, The George Washington University	N.Y.	Carulli, Leonard A.B. 1949, The George Washington University	Md.
Burroughs, George Aloysius Burrow, Rhea Manton A.B. 1947, Transylvania College	D.C. Tenn.	Carv. George Lee, Jr. A.B. 1949, University of Maryland	Va. D.C.
LL.B. 1950, Georgetown University	D.C.	Casey, James Edward Casey, John Brendan	Va. D.C.
Bushnell, Richard B.S. in M.E. 1948, Purdue University	Ind.	Casey, John Joseph Cashin, James Michael	D.C. D.C.
Buyarowicz, Stelli M. B.B.A. 1945, Western Reserve University	Ohio	Cassidy, Robert William B.S. 1949, St. Joseph's College	Mich.
Byrne, Michael Joseph A.B. 1949, The George Washington University	Va.	M.S. 1951, University of Notre Dame Cassin, Vernon	Md.
		A.B. 1941, Wayne University Cassidy, Donn Edward	Ark.
		A.B. 1950, The George Washington University	
		Casteel, Byron David A.B. 1955, University of Texas	
		M.D. 1941, Harvard University M.P.H. 1949, Johns Hopkins University	N.Y.
		Caulfield, Donald John A.B. 1951, The George Washington University	Ariz.
		Cavallo, Anthony J. A.B. 1949, Lafayette College	Ore.
		Cavanagh, John Edward A.B. 1941, University of Oregon	
		J.D. 1949, The George Washington University	N.Y.
		Cerf, Fred Robert A.B. 1949, New York University	N.Y. D.C.
		Cerra, Arthur Joseph Chacos, Nicholas George	S.C.
		B.S. in M.E. 1950, The George Washington University	
		Chandler, Archibald Lee A.B. 1950, The George Washington University	China
		Chang, Richard I-Feng A.B. 1943, St. John's University, Shanghai	
		LL.B. 1949, De Paul University LL.M. 1949, The George Washington University	

## C

Cade, George Newton, Jr.  
B.S. 1944, A.M. 1935, University of Arkansas  
Caldwell, James Neely, Jr.  
A.B. 1948, LL.B. 1950, University of South Carolina  
Caldwell, Wilfred Gene  
B.S. in E.E. 1945, M.S. in E.E. 1948, Purdue University  
Calrow, Paul Emerson  
B.S. 1944, University of Minnesota  
Camarot, Henry Jules  
Cameron, John William  
A.B. 1948, The George Washington University  
Campana, Ambrose Ralph  
A.B. 1942, Pennsylvania State College  
Campana, John Paul  
B.S. 1943, Pennsylvania State Teachers College, Mansfield  
Campbell, Barbara

Chapper, Frank Morris	D.C.	Cohen, Sheldon Stanley	D.C.
Charles, Fredrick Isaac	Pa.	A.B. 1950, The George Washington University	
Charles, George J.	Pa.	Coker, Joseph Daniel	S.C.
A.B. 1950, University of Pennsylvania		A.B. 1935, A.M. 1937, Ph.D. 1949, The George Washington University	
Chastain, Billy Fed	Okla.	Cole, Donald William	Va.
Chavez, Antonio Handler	D.C.	A.B. 1950, University of Illinois	
A.B. 1949, Radcliffe College		Cole, Enser William, Jr.	N.C.
Chenault, Joe Young	La.	A.B. 1949, LL.B. 1942, University of North Carolina	
Cernock, Stanley	Mass.	Cole, Walter Harvey, Jr.	D.C.
A.B. 1949, LL.B. 1950, The George Washington University		B.S. in C.E. 1949, The George Washington University	
Chevier, Leslie	Va.	Collier, Edwin	N.J.
B.S. 1950, American University		A.B. 1949, The George Washington University	
Chin, Robert	D.C.	Collins, Philip Reilly	D.C.
A.B. 1949, The George Washington University		A.B. 1939, LL.B. 1942, Loyola University	
Ching, Donald Dai Heong	Hawaii	A.M. 1948, Ph.D. 1950, Georgetown University	
A.B. 1950, University of Hawaii		Collins, Robert Vincent	N.J.
Chittenden, Joe Daniel	D.C.	B.S. 1949, Seton Hall College	
A.B. 1949, The George Washington University		Combs, Samuel Raymond	Colo.
Christeller, Norman Lee	D.C.	B.S. 1948, Colorado State College of Agriculture and Mechanic Arts	
A.B. 1941, Oberlin College		Comulade, Manuel Paul	Md.
A.B. 1943, Montana State University	Mont.	B.S. 1943, University of Maryland	
Christensen, Earl	D.C.	LL.B. 1950, Georgetown University	
Christensen, Hal Merrill	D.C.	Connerton, Joseph John	Pa.
Christopherson, Olaf Warren	Minn.	B.S. in E.E. 1949, Catholic University of America	
A.B. 1946, LL.B. 1950, The George Washington University		Connerton, Robert Joseph	Pa.
Chr, Esch, J.	N.Y.	B.S. in B.A. 1949, University of Scranton	
Chodzko, John Stephen	N.Y.	Connor, James Robert	W.Va.
A.B. 1948, LL.B. 1950, The George Washington University		A.B. 1939, Fairmont State College	
Chung, Bo Song	Fla.	Conrad, Paul Rawson	Kans.
B.S. 1950, American University		B.S.J. 1949, University of Kansas	
Church, Abiah Adelbert	Fla.	Constantz, J. C.	Va.
A.B. 1948, LL.B. 1950, The George Washington University		A.B. 1917, Culver-Stockton College	
Cifelli, Armand	N.J.	Cooley, Edwin Remick	Kans.
B.E.E. 1948, University of Minnesota		A.B. 1934, Municipal University of Wichita	
Cifelli, Kathleen Helen	D.C.	Coppel, Arthur	N.Y.
B.S. 1949, The George Washington University		A.B. 1949, University of Virginia	
Clark, George Henry	Md.	Corbin, Douglas Tenny	N.Y.
B.S. 1949, The George Washington University		B.S. 1950, St. Lawrence University	
Clark, James Leonard	Ga.	Corridon, John Raymond	Md.
B.S. 1948, University of California		LL.B. 1942, The George Washington University	
Clark, Robert Elliott	Del.	Cortez, Ezekiel Casimiro, Jr.	N.M.
A.B. 1951, Dickinson College		A.B. 1943, New Mexico College of Agriculture and Mechanic Arts	
Clark, Robert Johnson	Calif.	LL.B. 1948, The George Washington University	
B.S. 1942, United States Coast Guard Academy		Costa, Jasper Selva	D.C.
Clark, William Bert	Ga.	A.B. 1927, Brown University	
Clark, William Goldings	Md.	LL.B. 1942, Cornell University	
Clarke, James Brent, Jr.	Va.	LL.M. 1948, Georgetown University	
Clayton, Christopher Sudlow	D.C.	Costello, Elmer Price	W.Va.
Coates, Gladys Elizabeth	D.C.	A.B. 1949, Marshall College	
A.B. 1944, University of Texas		Costello, Richard Edward	Calif.
Coburn, William Hoffman	Mont.	LL.B. 1944, University of California	
A.B. 1949, The George Washington University		LL.M. 1948, The George Washington University	
Cochran, Dean Farrington	Va.	Cottrana, David	N.J.
A.B. 1949, The George Washington University		B.S. 1949, Berea College	
Cochran, Robert Reid	N.J.	Cotter, John	Mass.
B.S. in Ch.E. 1944, Tufts College		A.B. 1924, Yale University	
LL.B. 1950, The George Washington University		Couble, Alexander John	Va.
Cochran, Robert Thomas, Jr.	Va.	B.S. 1919, United States Naval Academy	
B.S. 1948, A.M. 1950, Georgetown University			
Coffin, Charles Franklin	Va.		
A.B. 1951, The George Washington University			
Cohen, Donald Sidney	D.C.		
B.S. 1947, University of Maryland			



Cousins, Sidney Charles, Jr. B.S. 1947, Bowdoin College LL.B. 1950, Georgetown University	D.C.	Curry, Stowers Leigh A.B. 1948, LL.B. 1950, The George Washington University	Va. Ohio
Cox, Herman Elmer A.B. 1950, The George Washington University	S.C.	Curtis, Allen Benjamin B.S. in Ch.E. 1943, Penn College	Va.
Cox, Thomas Andrew, Jr. A.B. 1951, University of Maryland	Md.	Custard, Robert Franklin B.S. in Eng. 1950, The George Washington University	Pa.
Coyne, Joseph Patrick A.B. 1950, St. Ambrose College	D.C.	Cutajar, Frank Hickman B.S. 1940, Pennsylvania State Teachers College	
Cozmyk, John B.S. 1946, M.E. 1947, Stevens Institute of Technology	W.Va. N.Y.		
Craddock, William Wood A.B. 1950, The George Washington University	Md. D.C.	D	Va.
Cragoe, John Henry B.S. in M.E. 1947, University of Kentucky		Dalonas, John A.B. 1950, The George Washington University	Md.
Craig, Paul M., Jr. B.S. 1946, Worcester Polytechnic Institute LL.B. 1950, Georgetown University	Va. Md.	Dalrymple, William Lewis, Jr. A.B. 1940, University of Maryland	Va.
Cramer, Raymond Alphonse, Jr. B.S. 1950, University of Illinois		Dalton, Stanley Charles, Jr. B.S. 1947, Rensselaer Polytechnic Institute	Va.
Crandell, William Palmer B.S. 1910, United States Naval Academy	Va.	Daly, John Joseph A.B. 1940, The George Washington University	Va.
Creedy, William Martin A.B. 1940, Duke University	Md.	Daniel, Sidney Theodore A.B. 1943, New York University	D.C.
Cronan, William Joseph, Jr. B.S. 1940, College of Charleston	Md.	Danilowicz, Pascal Joseph B.S. in C.E. 1948, Wilkes College	N.Y.
Crooks, Robert Gladden B.S., M.S. 1940, Massachusetts Institute of Technology	Md.	D'Antimo, Daniel B.S. 1946, University of Buffalo	Ohio Va.
Cross, George Franklin, Jr. A.B. 1950, The George Washington University	Md.	Darlin, Lewis R., Jr. Darsch, Earl C.	
Crouch, Robert Brighton B.S. in C.E. 1949, University of Idaho	D.C.	D.A. 1942, Western Maryland College	Minn.
Crowe, Carl Francis B.S. 1950, University of Maryland	D.C.	Daugherty, John Thomas Cotton A.B. 1940, LL.B. 1943, The George Washington University	Ind. Tex.
Crowley, James Worthington A.B. 1950, The George Washington University	D.C.	David, Maurice Allen Davidson, John Berry B.S. in E.E. 1944, LL.B. 1950, University of Texas	Okl.
Crumpler, Roland A.B. 1948, Marywood College	Idaho	Davis, Carl Ciell B.S. 1942, Oklahoma Agricultural and Mechanical College	
Cullen, Frank Haywood B.S. in Eng. 1940, The George Washington University	Md.	LL.B. 1940, University of Oklahoma	Tenn.
Cullen, Garrett Joseph, Jr. B.S. 1940, Boston College	Tenn.	Davis, Charles Russell Davis, Clifford, Jr. A.B. 1940, The George Washington University	Ohio
Cullen, Matthew Joseph, Jr. A.B. 1945, Harvard University	N.C. Pa.	Davis, Lorimer Nathaniel A.B. 1942, Marietta College	N.Y.
Cummings, Samuel A.B. 1949, The George Washington University	Va.	Davis, Olga B.S. 1940, Columbia University	Ill.
Cunningham, Dewey J. B.S. in M.E. 1947, University of Louisville	Mass.	Davis, Paul Sprague A.B. 1930, Harvard University J.D. 1932, University of Chicago	Md.
Cupples, Homer Leslie B.S. in Ch.E. 1931, Ph.D. 1934, Ohio State University	Mass.	Davis, Wilbur Chamberlain A.B. 1950, University of Maryland	Ark.
LL.B. 1941, The George Washington University	D.C.	Dawson, Howard Athalone, Jr. B.S. 1947, University of North Carolina	
Currin, John Langford A.B. 1949, The George Washington University	Ky.	LL.B. 1940, The George Washington University	D.C.
		Day, Bernard Casady A.B. 1948, University of Washington	Va.
	Va.	Day, John Sanford B.S. 1925, United States Naval Academy	D.C.
	N.C.	Day, Rutherford A.B. 1947, Harvard University LL.B. 1949, Georgetown University	Calif.
		Dea, Franklin A.B. 1948, University of Maryland	

Dean, Benjamin Franklin A.B. 1950, The George Washington University	D.C.	Donnelly, William Francis Donohue, John Andrew Donovan, Thomas Joseph B.S. 1950, University of Connecticut	Md. D.C. Conn.
Deharr, John Richard A.B. 1947, Bucknell University	Pa.	Dorie, William Matthew Dougherty, Thomas James A.B. 1941, The George Washington University	N.Y. N.D.
De Bruin, Wesley B.S. in E.E. 1946, Illinois Institute of Technology	Mich.	Dougherty, Wayne J. A.B. 1941, State University of Iowa	Iowa
Decker, James John B.S. in Ed. 1949, Pennsylvania State Teachers College, Mansfield	Pa.	Doukas, Harry Michael B.S. 1942, University of Maryland	Md.
DeGrandi, Joseph Anthony B.S. 1940, Trinity College M.S. 1950, The George Washington University	Conn.	Dowell, Earl Simeon B.S. 1947, University of Illinois LL.B. 1950, The George Washington University	Ill.
Delasos, Lewis A.B. 1948, The George Washington University	D.C.	Downes, John P. A.B. 1949, The George Washington University	N.Y.
Delaune, Georges Rene Doctor of Law 1946, University of Paris	France	Downing, Leslie Burgess B.S. 1920, United States Military Academy LL.B. 1950, The George Washington University	D.C.
De Marr, Frederick Stanley A.B. 1940, University of Maryland	Md.	Downs, Richard Francis B.S.C. 1949, University of California	Va.
Dembling, Paul Gerald A.B. 1940, A.M. 1944, Rutgers University	N.J.	Dovle, James Henry, Jr. B.S. 1946, United States Naval Academy	Calif.
Derrick, Duane Greenwood A.B. 1948, The George Washington University	Utah	Dreifus, Jordan Albert A.B. 1949, Harvard College	Va.
Desha, John Rollin II Desling, Harold C. Dewey, John Dickson B.S. 1950, Michigan State College	Va. D.C. Va.	Drew, Roger Joseph B.S. 1948, University of Wisconsin	Wis.
Dickmeyer, John T. A.B. 1947, University of Massachusetts	Va.	Drexler, Philip Lewis A.B. 1950, Reed College	Md.
Dimer, Robert Arthur Ditz, Stanley Martin Duffy, John Edward M.B.A. 1920, University of Michigan	D.C. N.Y. D.C.	Drimmer, Saul E. B.S. 1940, The George Washington University	N.Y.
Dillehay, Thomas Jefferson, Jr. B.B.A. 1927, A.M. 1929, Baylor University	Tex.	Driver, William Joseph B.B.A. 1941, Niagara University	Va.
Dilorenzo, Theodore John A.B. 1950, Trinity College	Conn.	Drummond, Douglas Jay B.S. 1950, University of Maryland	Md.
DiMartino, Horace Robert DiMona, Joseph Michael A.B. 1947, Duke University	Mass. N.J.	Duchesne, Edmund F. A.B. 1950, Catholic University of America	D.C.
Dix, Leslie Vernon A.B. 1950, Iowa State Teachers College	Va.	Dufresne, Joseph Paul B.S. 1943, LL.B. 1948, Georgetown University	D.C.
Doherty, Abraham A.B. in Govt. 1948, The George Washington University	N.Y.	Duft, Donald Matt B.S. in E.E. 1940, Illinois Institute of Technology	Ill.
Doherty, Jeanne Louise A.B. 1949, The George Washington University	Md.	Duran, Thomas Joseph B.S. 1933, Catholic University of America M.D. 1936, The George Washington University	Md.
Dobrowolski, Paul Victor B.S. 1950, Detroit Institute of Technology	Conn.	Dum, Frank Bryan Dumaine, Gabriel Romain A.B. 1948, LL.B. 1950, The George Washington University	Va. Va.
Dodd, Harold Gregory Dodderidge, Robert Russell B.S. 1940, United States Merchant Marine Academy	Va. N.Y.	Duncan, Donald Richard A.B. 1938, Ohio State University	Mo.
Dodge, Edward Wadhams B.S. 1950, Georgetown University	N.C.	Dunn, Dorothy A.B. 1945, University of Nebraska	Nebr.
Dodge, John Parker A.B. 1940, Johns Hopkins University	Md.	Dunn, George Martin A.B. 1940, The George Washington University	D.C.
Do, Norman Ross A.B. 1948, Marshall College	Mass.	Dunnavant, James Randolph A.B. 1948, The George Washington University	D.C.
Donaldson, John Eldridge, Jr. A.B. 1949, The George Washington University	D.C.	Dunning, Alice Langley A.B. 1941, Queens College A.M. 1944, Clark University	N.Y.

Dunphy, Robert Giles	R.I.	Erwin, Clyde Vernon, Jr.	Ill.
Dusenbury, Richard Green	S.C.	A.B. 1950, North Central College	D.C.
A.B. 1946, University of South Carolina		Eslinger, Frank Robert	Va.
Duval, James Dunlop, Jr.	W.Va.	B.S. 1946, University of New Mexico	
B.S. in E.E. 1949, Virginia Polytechnic Institute		Ethington, Paul James	Md.
Dworshak, Calvin George	Idaho	B.S. 1949, Iowa State College of Agriculture and Mechanic Arts	
Dwyer, Jean F.	Mass.	B.S. 1948, University of North Carolina	Va.
A.B. 1948, The George Washington University		Evans, James Gilbert, Jr.	
Dwyer, John Joseph	D.C.	A.B. 1947, University of North Carolina	
A.B. 1948, LL.B. 1950, The George Washington University		LL.B. 1950, University of Virginia	D.C.
Dysart, Thomas Guilmore	Mo.	Evans, Walker Williams	D.C.
B.S. in M.E. 1943, University of Missouri		B.S. 1939, Presbyterian College	
Dysland, Robert Carroll	Md.	Evers, Herbert J.	Md.
		B.S. in M.E. 1947, Cooper Union	
		Eves, Walter Curtis	
		B.S. 1948, University of Pennsylvania	
E			
Earl, Ira Roy	Nev.	F	D.C.
B.S. 1948, Brigham Young University		Fain, Martin Robert	D.C.
Earl Owen Ken	Nev.	Fairbanks, Eugene Francis	Idaho
A.B. 1948, Brigham Young University		A.B. 1946, University of Kansas	
Early, William Eugene	D.C.	Farnes, Wallace Darwin	Va.
Earman, John William, Jr.	D.C.	A.B. 1951, Idaho State College	
Earnheart, Frank Jones	Md.	Farrell, John Joseph	
A.B. 1947, University of North Carolina		B.S. 1946, University of South Carolina	Pa.
Eaton, John David	Mass.	Fassberg, Benjamin Charles	Tex.
B.S. 1944, United States Naval Academy		Faubion, Urban Hart	
Efron, Reuben	D.C.	B.S. in E.E. 1948, University of Texas	D.C.
Diplomated Lawyer 1932, The University of Vytautas the Great, Lithuania		Faust, James Emory	
Egger, Roscoe Lynn, Jr.	Md.	A.B. 1948, The George Washington University	Ind.
B.S. 1942, Indiana University		Fedorko, Rosemarie Elaine	D.C.
Eickenroht, Marvin Bates	Tex.	A.B. 1949, Indiana University	
B.S. in C.E. 1947, LL.B. 1950, University of Texas		Feild, Francis Elizabeth	Va.
Eldredge, Robert Breene	Vt.	A.B. 1950, Texas Christian University	Va.
A.B. 1948, Duke University		Fender, Ross Calvin	Va.
Eliades, Homer Constantine	Va.	Fenichell, Melvin Medford	
A.B. 1949, University of Virginia		A.B. 1943, Dartmouth College	D.C.
Eliot, Irvin Siskind	Md.	Fern, Benjamin Richard	
A.B. 1948, Johns Hopkins University		A.B. 1942, Queens College	
Elkin, Benjamin	D.C.	Fernandez, Carlos Benito	Ga.
A.B. 1940, The George Washington University		LL.D. 1943, University of Havana	Va.
Elkins, Katherine Hallie	D.C.	LL.B. 1949, University of Miami	
B.S. 1949, Simmons College		Ferrell, Robert Bennett	N.Y.
Ellenberger, Kenneth Rehl	Ohio	Fiddler, Robert William	
LL.B. 1948, B.S. 1949, Ohio State University		B.S. in M.E. 1946, College of the City of New York	
Elliott, Stephen Lyons	Md.	Field, Milton Mortimer	Va.
Ellis, Robert Kekumu	Hawaii	B.S. in E.E. 1948, University of Nebraska	Mass.
A.B. 1949, Harvard University		Fields, Paul Henry, Jr.	
Elstrand, John Groves	Tex.	Filipek, Edward Gregory	Md.
A.B. 1950, Texas Christian University		A.B. 1949, The George Washington University	
Elward, Elizabeth Anne	Md.	Finch, Walter Gilchrist	
A.B. 1949, Trinity College		B.S. in M.E. 1940, M.E. 1950, Johns Hopkins University	
Emmons, Baird Elus	Calif.	LL.B. 1948, M.B.A. 1949, Temple University	Pa.
A.B. 1941, University of Nebraska		LL.M. 1949, The George Washington University	D.C.
Enzor, Thomas Henry, Jr.	Va.	Fine, Martin Meyer	
A.B. 1950, The George Washington University		B.S. 1948, Bucknell University	
Ergas, Isaac	N.Y.	Fink, Jules Verne	Va.
B.S. in M.E. 1948, New York University		A.B. 1949, The George Washington University	
Ericson, John Williamson	Va.	Finken, John Anthony	
B.S. in Ch.E. 1949, University of Illinois		B.S. 1947, M.S. 1948, University of Wisconsin	



Finlen, Warren Elroy B.S. in M.E. 1948, University of Wisconsin	Va.	Foster, George Howard B.S. 1942, United States Naval Academy	D.C.
Finley, Charles Truman	Md.	Foster, James Patrick	D.C.
Finn, John Louis B.S. 1942, LL.B. 1949, Georgetown University	Pa.	Foster, Marion Julian B.S. 1942, University of Virginia	Va.
Fiorello, Philip A.B. 1950, Kent State University	N.Y.	Fox, Edward Louis	Okla.
First, Stanley Alfred B.B.A. 1949, University of Miami	D.C.	Fox, Lawrence Aaron A.B. 1944, Clark University	N.Y.
Fischer, Harry Carl A.B. 1949, The George Washington University	D.C.	MS. 1945, Syracuse University LL.B. 1950, The George Washington University	
Fischer, John Janos LL.D. 1942, University of Szeged, Hungary	D.C.	Fox, Saul Aaron	N.Y.
Fish, Harold Bradford B.S. 1942, United States Naval Academy	Mass.	Frabm, Herbert Standish	D.C.
Fisher, Frank Marshall B.S. 1941, United States Coast Guard Academy	Va.	Frank, Kitty Blair A.B. 1941, University of Wisconsin	D.C.
Fisher, John Hanus LL.D. 1942, University of Prague	Md.	Frankel, Abraham B.S. 1943, Brooklyn College	N.Y.
McComp L. 1950, The George Washington University		B.M.E. 1941, Cooper Union	
Fitch, Richard Walsh, Jr. LL.B. 1949, Columbia University	Conn.	Franklin, Jordan B.S. 1946, Worcester Polytechnic Institute	Mass.
Fitzgerald, Donald Edward A.B. 1949, LL.B. 1950, The George Washington University	D.C.	Franklin, Rufus Matteson B.S. 1947, Massachusetts Institute of Technology	R.I.
Flaerty, John Bryan, Jr. B.S. 1944, Northeastern University	Mass.	Franszman, Carl Walter	D.C.
Flinders, Robert Lee A.B. 1947, LL.B. 1949, The George Washington University	Tex.	Fraser, Donald Ross	Ohio
Flanagan, John William A.B. 1949, Gannon College	Pa.	Frazier, Pascal Bailey A.B. 1948, University of California	D.C.
Flax, Louis B.S. 1943, University of Maryland	D.C.	LL.B. 1950, Harvard University	Pa.
Fleck, Stephen Edward B.S. 1949, Thiel College	Pa.	Freed, Morris B.S. in Ed. 1942, Pennsylvania State Teachers College, Mansfield	N.C.
Fleishman, Irving A.B. 1949, The George Washington University	D.C.	Freedman, William B.S. in M.E. 1945, Duke University	Ga.
Flischer, Bonnie Lytle, Jr. Foley, Michael Edward Foley, John Walker	Va.	Freeman, Harlan Edwin	Ohio
A.B. 1947, Yale University	D.C.	Freer, Barry	Va.
Fontaine, Conral Archilles A.B. 1949, Syracuse University	Va.	Freer, Elizabeth Strachan B.B.A. 1942, Tulane University	Ill.
Forb, John Joseph A.B. 1949, Catholic University of America	Tex.	Freudenberg, Maxwell Charles B.S. in F.E. 1948, University of Illinois	
Forb, Mark Robert A.B. 1950, Lehigh University	D.C.	Friedman, Norman B.S. in M.E. 1945, College of the City of New York	N.Y.
Forman, James Robert B.S. 1950, Virginia Polytechnic Institute	Pa.	Friedman, Reuben B.Ch.E. 1946, College of the City of New York	D.C.
Forman, Leonard B.S. 1949, City College of the City of New York	D.C.	A.M. 1950, Columbia University	
Forester, Herbert Emerson A.B. 1948, The George Washington University	Tex.	Fryer, Dorothy Constance A.B. 1950, The George Washington University	D.C.
Forester, John Emerson B.S. in M.E. 1949, Oklahoma Agricultural and Mechanical College	N.Y.	Fuchinami, Walter Nanaki A.B. 1950, Colorado State College of Education	Colo.
For, James Frazier B.S. in A.T.E. 1949, Purdue University	Va.	Fugate, Wilbur Lindsay A.B. 1944, Davidson College	Va.
	Va.	II.B. 1947, University of Virginia	
		Fuller, William Elliott B.S. 1944, United States Coast Guard Academy	N.J.
		Funkhouser, Claude B.S. in M.E. 1944, University of Missouri	Va.
		Furst, Howard Irving A.B. 1942, University of California	Calif.
		LL.B. 1950, The George Washington University	
		G	
	Tenn.	Gail, William Albert B.S. in M.E. 1948, University of Illinois	Va.
	Ind.		

Gall, Edward Howard A.B. 1950, Waynesburg College	Pa.	Gittings, Thomas Morton, Jr. Glasgow, Richard Ellsworth	Md. Ill.
Gambal, Sergius	Pa.	A.B. 1948, Bradley University	D.C.
Gallier, Kenneth Lee B.S. 1949, Tennessee Polytechnic Institute	D.C.	Glass, Elsa Dik A.B. 1946, The George Washington University	D.C.
Gardner, Richard Delroy B.S. 1940, Utah State Agricultural College	Utah	Glatstein, Irwin Lee B.S. 1939, A.M. 1940, University of Missouri	Pa.
Gareau, Charles Frederick B.S. in M.E. 1939, The George Washington University	Va.	Glowacki, John Henry B.S. 1949, Bucknell University	Conn. Alaska
Garrett, C. Donald B.S. 1931, Franklin and Marshall College	Va.	Gochberg, Lawrence Goding, Maurice Wilfred A.B. 1933, Yankton College	Md.
Garrett, Paul Weatherly A.B. 1940, The George Washington University	Va.	Goldberg, Alvin Irving B.S. 1941, Boston University	D.C.
Garris, Jack John A.B. 1947, University of Michigan	Mich.	Goldenberg, Melvin Myron B.S. in M.E. 1949, Catholic University of America	Md. D.C.
Gass, Edmund Cody A.B. 1927, Carson-Newman College A.M. 1911, University of Tennessee	Tenn.	Goldman, Alired Merton Goldman, Samuel Zachary A.B. 1949, The George Washington University	Mass. N.Y. N.Y.
Gaudet, Richard Austin B.S. in M.E. 1947, University of Rochester	N.H.	Goldman, Sherman H. B.S. 1948, Northeastern University	
Gaughan, John Vincent A.B. 1932, Villanova College LL.B. 1949, The George Washington University	Va.	Goldsand, Ronald Howard Goodman, Sanford Gerald A.B. 1950, The George Washington University	D.C.
Gaus, William Carl A.B. 1949, Bucknell University	Va.	Goodman, Thomas A. B.S. 1937, New York State College for Teachers, Buffalo	Va.
Gauss, Arthur B.S. in E.E. 1933, Drexel Institute of Technology	Md.	A.M. 1939, Columbia University	
Gavio, Martin Jerome A.B. 1949, Norwich University	N.J.	Gordon, Albert B.S. in M.E. 1944, College of the City of New York	Va.
Gelb, Joseph Donald B.S. 1950, University of Scranton	Pa.	Gordon, Coleman B.S. 1949, Georgetown University	Va. D.C.
Generelly, Richard Fleury George, Joseph Homer	D.C.	Gordon, Francis Guthrie, Jr. Gordon, Herman Jacob B.S. in E.E. 1948, Purdue University	Va.
George, Richard Bennett A.B. 1949, The George Washington University	Mass. Va.	Gordon, Thomas Cooper A.B. 1949, The George Washington University	Conn.
Gerard, Richard B.S. 1949, Kansas State College of Agriculture and Applied Science	Mo.	Gorman, William Patrick A.B. 1950, St. Bonaventure College	Va. Nebr.
Gerb, Bernard B.E.E. 1950, Cornell University	N.Y.	Gorin, Gerald Malvin Gotobed, Kenneth Samuel A.B. 1951, The George Washington University	D.C. N.Y.
Gerhardt, Robert Bernard B.S. in M.E. 1947, Northwestern University	Md.	Graf, Alfred Geza Graham, Robert May B.S. 1950, American University	N.Y.
German, John William, Jr. B.S. 1949, Rose Polytechnic Institute	Ind.	Grainick, Paul Philip A.B. 1950, Brooklyn College	Ala.
Ghizzoni, Audrey Constance A.B. 1948, Catholic University of America	Pa.	Granberry, William Alquin B.S. in I.E. 1949, Georgia Institute of Technology	Md.
Ghizzoni, John Felix B.S. 1943, University of Pennsylvania LL.B. 1949, Catholic University of America	Pa.	Gray, John Allan, Jr. B.S. 1949, Pennsylvania State College	Va. Ohio
Gibbs, Robert Stewart Gibson, Rankin MacDougal LL.B. 1939, University of Missouri B.S.L. 1948, St. Paul College of Law LL.M. 1950, The George Washington University	D.C. Mo.	Gray, Lawrence James Green, Harold Hoadly, Jr. B.S. in E.E. 1947, Purdue University	Md.
Gilbert, Milton Edwin B.S. in M.E. 1948, College of the City of New York	D.C.	Green, Robert A. A.B. 1942, Clark University B.S. in E.E. 1948, University of Michigan	D.C.
Gilmore, Edward Lee A.B. 1949, West Virginia University	W.Va.	Green, Samuel A.B. 1948, LL.B. 1950, The George Washington University	Mass.
Giordani, Bruno LL.B. 1940, University of Rome, Italy	D.C.	Greenberg, Sidney B.S. 1940, Massachusetts State College	

Greene, Harold Herman	N.Y.	Hamilton, Gayle Key	La.
Greener, Richard L.	Utah	A.B. 1949, Southern Methodist University	
A.B. 1950, University of Tennessee		Hamilton, Lloyd William	D.C.
Greenfield, Ralph Benedict	Md.	A.B. 1948, The George Washington University	
A.B. 1945, University of Chicago		Hammarstrom, Everett John	D.C.
Grenadier, Albert Harold	Va.	A.B. 1947, Clark University	
A.B. 1949, The George Washington University		Hammer, David Edwin	Ill.
Grey, William Jackson	D.C.	A.B. 1949, The George Washington University	
B.S. 1949, University of Maryland		Hammer, Gerald William	Ind.
Griffith, Eugene Everett	Tenn.	A.B. 1950 Ball State Teachers College	
A.B. 1928, The George Washington University		Hammill, Francis Raymond, Jr.	N.Y.
A.M. 1948, Columbia University		A.B. 1948, University of Rochester	
Grubb, Robert John	Va.	Hancock, Katharine I.	Calif.
A.B. 1948, L.L.B. 1941, Syracuse University		A.B. 1942, University of California	
Grimes, John Francis	Va.	Hanley, Charles Campbell	N.Y.
Goodman, William	N.J.	Hannoush, Raymond Thomas	Mass.
B.S. in E.E. 1944, Rutgers University		A.B. 1935, Dartmouth College	
Goff Smith, Geoffrey	Md.	Hansbarger, William Henry	Va.
A.B. 1950, Harvard University		A.B. 1947, University of Maryland	
Goodline, Albert John	Pa.	Hansel, Roger Elmer	D.C.
Gufoyle, Joseph Daniel	Mo.	A.B. 1939, University of Idaho	Idaho
A.B. 1938, University of Kansas City		Hansen, Orval Howard	
L.L.B. 1942, Georgetown University		A.B. 1939, University of Idaho	
Gulko, Arnold George	Va.	Hansen, Walter Daniel	D.C.
B.S. in Ch.E. 1947, New York University		A.B. 1950, The George Washington University	
Grether, John Joseph	Md.	Hanson, William Palmer	D.C.
A.B. 1947, University of Kansas		Harbaugh, George Harold	D.C.
Gutrie, William Joseph, Jr.	Va.	A.B. 1948, Rutgers University	
Gwozdz, Jozef Urban	D.C.	Hardin, Dale Wayne	Va.
L.L.B. 1939, University of Poznan, Poland		A.B. 1949, The George Washington University	
L.L.M. 1944, Oxford University, England		Hardwicke, John Webster	Md.
Gzatzstein, Irwin Lee	Va.	A.B. 1950, University of North Carolina	
B.S. 1919, A.M. 1940, University of Missouri		Harkins, Kenneth Richard	Ohio
		A.B. 1941, L.L.B. 1948, Ohio State University	
H		Harlow, Bryce Nathaniel	Va.
Habecker, Thomas Benjamin	Va.	A.B. 1946, A.M. 1942, University of Oklahoma	
B.S. 1946, Massachusetts Institute of Technology		Harrell, William Alexander	N.C.
Haberman, David Isadore	D.C.	B.S. 1941, Syracuse University	
Huesmeyer, Richard Everett	Ill.	Harrigan, Francis John	Wis.
B.S. 1955, University of Illinois		B.S. 1940, Marquette University	
Hagan, John Joseph	Conn.	Harrigan, John Francis	Va.
B.S. 1941, Fordham University		B.S. in E.E. 1941, Tufts College	
L.L.B. 1949, Georgetown University		Harris, Charles Arthur	N.J.
Haido, Harold	N.Y.	M.E. 1941, Stevens Institute of Technology	
B.S. in Ch.E. 1947, Purdue University		L.L.B. 1948, Columbia University	
Haley, Joseph Kelly, Jr.	Va.	Harris, Dorothy Hope	D.C.
B.S. in C.E. 1939, Virginia Military Institute		A.B. 1946, Goucher College	Iowa
Halich, Walter George	Conn.	Harris, Richard Carl	
A.B. 1949, The George Washington University		B.S. 1947, Iowa State College of Agriculture and Mechanic Arts	
Hall, James Ray	W.Va.	Harrison, Byron Edward	D.C.
B.S. 1948, West Virginia University		Harrison, Earle Harrison, Jr.	Mo.
Hall, Joseph Earl	W.Va.	A.B. 1948, Washington University	
A.B. 1949, Marshall College		Harrison, Gordon Francis	R.I.
L.L.B. 1950, The George Washington University		Ph.B. 1915, Providence College	
Hallberg, Ernest Van, Jr.	Fla.	L.L.B. 1941, Georgetown University	
A.B. 1942, University of Florida		Harrison, George Latham	Md.
L.L.B. 1950, The George Washington University		B.S. 1917, United States Naval Academy	
Hamann, Henry Fredrick	Colo.	Harshbarger, Sam Ross	W.Va.
Ph.B. 1945, University of Wisconsin		A.B. 1940, West Virginia University	
		Hartsock, Richard MacGregor	D.C.
		B.S. in F.S. 1947, L.L.B. 1949, Georgetown University	



Hartings, Vaughan Stevens B.S. 1945, United States Naval Academy	Del.	Henson, Edwin Nott, Jr. A.B. 1948, The George Washington University	D.C.
Hatch, Albert Haig A.B. 1927, University of Pennsylvania	Pa.	Henson, Lusitania Theresa B.S. 1950, Wilson Teachers College	Va.
LL.B. 1923, Temple University		Herman, Jack Robert A.B. 1943, The George Washington University	Alaska
Hattie, Russell Elmer B.S. in E.E. 1947, University of Illinois	Ill.	Hermann, Russell Royden A.B. 1949, State College of Washington	Mass.
LL.B. 1950, The George Washington University		Herring, Donald Dewar A.B. 1949, The George Washington University	N.C.
Hauck, William McRae Haydock, Robert, Jr. A.B. 1939, LL.B. 1947, Harvard University	Md. N.Y.	Heyward, Francis Dewey A.B. 1938, University of North Carolina	Va.
Hayek, Will J. Hayes, Robert William A.B. 1939, Columbia University	D.C. N.Y.	Hiestand, Dale Melvin A.B. 1949, Mount Union College	D.C. Va.
Haynes, Alton Myles, Jr. A.B. 1949, University of North Carolina	N.C.	Hildreth, Richard Hill, Diamond Peck B.S. 1946, Davidson College	
Hays, Frederick Sprigg, Jr. A.B. 1950, University of Maryland	Md.	LL.B. 1948, LL.M. 1950, University of Virginia	Va.
Hays, Marion Stelle A.B. 1948, University of Arkansas	Ark.	Hill, Joseph Andrew A.B. 1949, Lynchburg College	
Hearn, Alexander McMurray Heasley, Herbert K. A.B. 1950, The George Washington University	Mo. Tex.	LL.B. 1949, Louisiana State University	Va.
Heatherly, James Clark A.B. 1950, University of Tennessee	D.C.	Hill, Joseph Carl B.S. 1940, Mount St. Mary's College	Va. N.Y.
Hebele, Harold William A.B. 1949, Roosevelt College	Ill.	Hill, Richard Work Hiller, Manuel Bertrand A.B. 1942, College of the City of New York	
Hecht, Irving Mark B.B.A. 1947, College of the City of New York	Md.	LL.B. 1946, Columbia University	D.C. Md.
Heck, John Henry A.B. 1941, Pennsylvania State College	Pa.	Himelarb, Jordan Sheldon Hintze, William B.S. in E.E. 1949, The George Washington University	D.C. Ill.
Heckert, Jackson Shaffer B.S. 1942, Pennsylvania State College	Md.	Hirsch, Robert Bruce Hise, James Cletis A.B. 1948, University of Illinois	Ill.
Heiley, Robert Kenneth Heider, George Charles, Jr. B.S. 1950, University of Maryland	D.C. D.C.	Hise, William Curtis A.B. 1948, A.M. 1949, University of Illinois	Va.
Heilman, Charles Peter, Jr. Heilman, Mary Patricia A.B. 1948, Mary Manse College	Pa. D.C.	Hix, Ernest Theodore B.S. in M.E. 1949, The George Washington University	Ga.
Heller, Norman Harold A.B. 1950, The George Washington University	Md.	Hodges, Quinton Edward B.S. 1935, University of Georgia	Wyo.
Hellmuth, James Grant B.S. 1948, Yale University	D.C.	M.S. 1947, John B. Stetson University	
Hellstrom, Ralph Edwin A.B. 1945, Augustana College	Ill.	Hodson, Kenneth Joe A.B. 1945, LL.B. 1957, University of Kansas	N.Y.
Hemmings, John Buster B.S. 1940, University of Virginia	W.Va.	Hoffman, Conrad Richard A.B. 1950, The George Washington University	D.C.
Henderson, George Winslow, Jr. A.B. 1950, Princeton University	Va.	Hoffman, Robert Douglas Hoffman, William, Jr. A.B. 1950, University of Washington	Wash. Md.
Heneveld, Lloyd Allen B.S. in E.E. 1950, University of Michigan	Mich.	Hogan, Marjorie Bell A.B. 1942, Shorter College	Ky.
Hennessy, Charles Edward Henretta, David Howard A.B. 1950, The George Washington University	Va. W.Va.	Holbrook, Ollie James LL.B. 1950, The George Washington University	Alaska
Henry, Edwin Stanton, Jr. Henry, Raymond Charles A.B. 1949, State University of Iowa	D.C. Va.	Holcombe, William Collis A.B. 1947, The George Washington University	Pa.
Hens, Ruth Joyce A.B. 1949, University of Maryland	Md.	Holtzman, Frank Joseph A.B. 1949, Muhlenberg College	N.Y.
Hensley, Bernard Robert A.B. 1950, Morningside College	Va.	Holland, Morton B.S. in E.E. 1947, Cornell University	

Hollingsworth, Farrell B.S. 1949, Utah State Agricultural College	Idaho	Hunter, Millard Stanton B.S. 1948, University of North Carolina	N.C.
Hollingsworth, William Leon A.B. 1950, The George Washington University	Miss.	Hurd, John Prewett A.B. 1950, Westminster College	Utah
Hollis, James George B.S. 1948, American University	Md.	Hurley, John James B.S. 1948, The George Washington University	D.C.
Holmes, Paul Roger B.S. in M.E. 1950, Rensselaer Poly- technic Institute	N.Y.	Hurley, Wilson Patrick B.S. 1945, United States Military Academy	N.M.
Holt, Edward Brewster B.S. 1947, University of Michigan	Ill.	Hurston, James Vincent B.S. 1948, American University	Md.
Holt, Felix Thomas A.B. 1949, American University	Okla.	Hurst, Carl Wilson, Jr. A.B. 1942, The George Washington University	Tenn.
Holt, George Paullet A.B. 1949, University of Hawaii	Hawaii	Hurt, Mary Tex A.B. 1949, The George Washington University	Ala.
Holzman, Irving A.B. 1949, Brooklyn College	N.Y.	Hurwitz, Harlan Earl A.B. 1949, The George Washington University	D.C.
Honchach, Elmer Wilson L.L.B. 1921, Presbyterian College	Va. D.C.	Hussar, Edward John A.B. 1946, The George Washington University	Ill.
Hope, Robert Stocks A.B. 1950, The George Washington University	Va.	Hutchinson, Alan Stanton B.S. 1948, St. Martin College	Wash.
Hope, Louis William B.S. 1949, University of Illinois	D.C.	Hutchinson, George Edward Hutchinson, Herbert Malcolm	D.C. N.J.
Hope, Nathaniel Wilson A.B. 1946, LL.B. 1939, University of Texas	Va. Md.	Hutchinson, William David A.B. 1949, University of Maryland	Va.
Horne, Joe Louis B.S. 1941, United States Coast Guard Academy	D.C.	Hutson, Harrison Darden A.B. 1948, Southeastern Louisiana College	La.
Horne, Leon Russell B.S. 1947, Northeastern University	Mass.	Hyde, Edward Richard B.S. in E.E. 1948, Purdue University	D.C.
Horsky, Eugene Gregory B.S. 1948, B.C.E. 1949, Rensselaer Polytechnic Institute	N.Y.	I	
Horton, Donald Raymond B.S. 1948, South Dakota State Teachers College	N.D.	Ikegami, David Takeshi A.B. 1949, The George Washington University	Hawaii
Horton, Marvin Vale B.S. 1948, University of North Carolina	N.C.	Imrie, Walter Curtis B.S. 1946, Rhode Island State College A.M. 1949, American University	Va.
Hottle, Clyde Fred B.S. 1950, University of Maryland	Md.	Inoue, Daniel Ken A.B. 1950, University of Hawaii	Hawaii
Houston, Augustus Weyman B.S. 1945, University of Florida	Md.	Irvine, Alison Galden Diploma of Art 1950, University of Edinburgh, Scotland	Va.
Hosland, Harold Howard, Jr. A.B. 1947, The George Washington University	Mass.	Irvine, Eleanor Hood A.B. 1947, Cornell University	N.Y.
Hubbard, Russell Hale, Jr. B.S. in E.E. 1944, Syracuse University	Conn.	Isaac, Isaac A.B. 1949, The George Washington University	Pa.
Hudon, Harry Roe B.S. 1949, University of Maryland	Md.	Isom, Clifford Clinton B.S. 1949, Kansas State College of Agriculture and Applied Science	D.C.
Hughes, Michael Vincent A.B. 1948, University of Cincinnati	N.Y. Ohio	LL.B. 1950, The George Washington University	
Hull, Maury Isaac A.B. 1942, Southwestern University A.M. 1946, The George Washington University	Tenn.	J	
Hulvey, Charles Newton, Jr. B.S. 1946, University of Virginia	Va.	Jackson, Auzville, Jr. B.S. 1950, Virginia Polytechnic Institute	Va.
Humes, Theodore Leon A.B. 1948, University of Pittsburgh	Va.	Jackson, Daniel Grove A.B. 1951, University of Maryland	Md.
Hundley, Henry Robert Hunter, Donald Van Oadal, Jr. A.B. 1950, The George Washington University	W.Va. Md.	Jackson, Frank Holbrook B.S. 1948, University of Maryland	Md.
		Jackson, William Stanley	Conn.

The George Washington		The George Washington	
Jacob, Fred	N.Y.	Johnston, Doris Jean	N.C.
B.E.E. 1948, College of the City of New York		A.B. 1949, The George Washington University	
Jacob, John Brevard	D.C.	Jones, Benjamin Perry, Jr.	D.C.
Jacobs, Morton C.	N.Y.	A.B. 1950, The George Washington University	Va.
B.S. 1942, College of the City of New York		Jones, Calvin Clark	
Jacobstein, Harold	Pa.	Jones, Cullen Bryant, Jr.	D.C.
B.S. in Ed. 1949, Pennsylvania State Teachers College		A.B. 1948, LL.B. 1950, The George Washington University	Va.
Jackel, Georgie Marion	Fla.	Jones, Doris Jeanne	
A.B. 1948, Florida State University		Jones, Ellen Brymer	N.C.
Jamcochian, Hagop Herach	Mass.	A.B. 1918, A.M. 1942, Syracuse University	D.C.
A.B. 1949, Clark University		Jones, Everett Craig, Jr.	
Jana, Fred Carl, Jr.	Md.	Jones, Gary V.	Va.
B.S. 1951, University of Maryland		B.S. 1950, University of North Carolina	D.C.
Jarcho, Harold George	R.I.	Jones, James Frederick	Pa.
B.S. in E.E. 1940, Rhode Island State College		Jones, James Mitchell	
Jarema, Frank Gerald	Ohio	Jones, Norman William	Va.
Jaskiewicz, Edmund Michael	Conn.	B.S. 1946, University of Scranton	
B.S.E. 1947, University of Connecticut		Josiah, Robert Emmett	Yugoslavia
Jaskiewicz, Joseph Francis	Pa.	LL.B. 1941, University of Virginia	
A.B. 1949, The George Washington University		Jovanovich, George Stephan	Pa.
Jaskiewicz, Leonard Albert	Conn.	LL.B. 1941, University of Belgrade	
A.B. 1949, University of Connecticut		Judd, Irwin Melvin	Va.
Jaskot, John Joseph	Pa.	B.S. 1950, University of Scranton	
Jay, John Elliott	Va.	Jump, Nelson Byron	Iraq
A.B. 1943, Swarthmore College		A.B. 1947, University of North Carolina	
LL.B. 1949, Columbia University	Ind.	Jwaideh, Zuhair Elias	
Jeffers, Albert Lavern		Licentiate in Law 1944, Iraq Law College	
B.S. 1949, Evansville College	D.C.		
Jeffers, John Cordell			
A.B. 1950, The George Washington University	D.C.		
Jeffries, Albert Carmie, Jr.			
A.B. 1950, The George Washington University	Iowa	Kabatchnick, Neil Bernard	Pa.
Jenkel, Martin John, Jr.	W.Va.	B.S. 1950, University of Scranton	S.D.
Jenkins, Worthly Lee		Kahn, Kalvin	
A.B. 1950, Marshall College	Va.	A.B. 1948, University of Pennsylvania	D.C.
Jennings, Barnard Fulton		Kallemyer, Hogen John	
B.S. 1948, University of Virginia	Va.	B.S. 1949, LL.B. 1950, University of South Dakota	Pa.
Jennings, Vincent James	Wyo.	Kalvin, Paul Craig	Va.
A.B. 1948, Yale University		A.B. 1948, The George Washington University	
Jensen, Willis John		Kamanski, Norbert Joseph	Hawaii
B.S. 1947, Pennsylvania State College	Md.	B.S. 1950, University of Scranton	N.Y.
Jetton, Girard R., Jr.		Kamm, Arthur Thorpe	
B.S. in Eng. 1945, A.B. 1947, The George Washington University	Md.	A.B. 1948, American University	
LL.B. 1950, Harvard University		Kanemoto, Shigetō	
Jewett, John Stanford		A.B. 1949, University of Hawaii	
B.S. 1948, Georgetown University	D.C.	Kaplan, Jair Shalom	
Johnson, Charles Peckham		A.B. 1946, LL.B. 1948, New York University	
B.S. 1950, University of Maryland	Wis.	Kaplan, Louis Charles	
Johnson, Clarence William		A.B. 1954, Yale University	
A.B. 1949, Valparaiso University	S.D.	LL.B. 1945, LL.M. 1948, Georgetown University	N.Y.
Johnson, Donald Lewis	Pa.	Kaplan, Marcia	Va.
B.S. in Ch.E. 1947, Purdue University		A.B. 1946, University of Michigan	
Johnson, Earl Winslow		Karlene, Michael Matthew	D.C.
B.S. 1943, Pennsylvania State College	Va.	A.B. 1933, University of Rochester	
Johnson, Ernest Linwood, Jr.		Karr, Michael Harris	
B.S. 1950, University of Maryland	Va.	B.S. in E.E. 1937, New York University	
Johnson, John Alvin		Karsted, Jessie Walton	N.Y.
A.B. 1937, DePauw University		Kator, Irving	
J.D. 1940, University of Chicago	N.M.	A.B. 1941, University of Michigan	
LL.M. 1946, Harvard University		Katz, Murray	
Johnson, Paul Douglas		B.S. in Ch.E. 1947, College of the City of New York	
B.S. 1940, University of Southern California			



Katz, Norman Harold B.S. 1949, University of Maryland	Md.	Kerwan, Thomas John B.S. in Ed. 1940, Pennsylvania State Teachers College, Mansfield	D.C.
Kaufman, Rae Ann A.B. 1950, Texas State College for Women	Tex.	A.M. in Ed. 1949, The George Washington University	
Kawahara, Thomas Tomokazu A.B. 1940, University of California	Hawaii	Kiechel, Walter, Jr. A.B. 1941, University of Nebraska	Nebr.
LL.B. 1945, DePaul University		LL.B. 1949, Yale University	
Kearney, Harold J. A.B. 1936, Catholic University of America	Md.	LL.M. 1950, The George Washington University	
LL.B. 1948, Union College and University		Kilgore, Robert Martin B.S. 1947, Georgetown University	D.C.
Kearney, William Robert Keefer, David Ewing B.E.E. 1949, University of Virginia	N.J.	Killingsworth, Ted Eugene, Jr. B.S. in M.E. 1943, Clemson Agricultural College	Va.
Kearson, Robert Daniel B.S. in C.E. 1950, Catholic University of America	Va.	LL.B. 1940, University of Utah	
Keel, Myrus Merritt B.S. 1929, Winthrop College	N.Y.	Kim, Alexander Y. H. A.B. 1949, University of Hawaii	Hawaii
M.S. 1940, University of Tennessee	S.C.	Kinderman, Eugene John B.S. 1931, University of Illinois	Ill.
Keiser, Ray Edward A.B. 1949, Miami University	Ohio	Kindness, Gordon Robertson A.B. 1950, University of Maryland	Md.
Kelleher, Philip William LL.B. 1945, College of the Holy Cross	Va.	King, Russell M. Kinney, David Bowen	Va.
Kelleher, William Vincent B.S. 1949, Tufts College	Mass.	A.B. 1943, Alma College	
Kelly, David Philip B.S. in E.E. 1949, Lehigh University	D.C.	Kinney, Donald David Ph.B. 1949, University of Notre Dame	Pa.
Kelly, Robert Vincent B.S. 1942, Pennsylvania State College	Pa.	Kinsel, James Nolan B.S. 1943, University of Maryland	D.C.
Kelly, Catherine Burton A.B. 1939, Smith College	Md.	Kinsley, Robert Thomas B.S. 1949, Yale University	Fla.
Kelly, Dee J. A.B. 1950, Texas Christian University	Tex.	Kinzer, James Brooks B.S. 1948, Pennsylvania State College	Pa.
Kelly, Frances Anne A.B. 1944, University of Chicago	Ill.	Kip, Ruloff Frederic, Jr. B.S.E. 1943, Princeton University	Va.
Kelly, Francis Keith A.B. 1948, The George Washington University	D.C.	Kirby, Edward Francis, Jr. Ph.B. 1937, Providence College	Conn.
Kelle, John Leo B.S. 1947, Georgetown University	Md.	Kirsch, Martin Joseph Kivitz, Murray Abraham	D.C.
Kelly, Joseph John B.S. 1949, Ohio University	Pa.	B.S. 1940, New York University	N.J.
Kemp, William George A.B. 1949, The George Washington University	Md.	Klapps, Pete Patrick B.S. 1950, University of Scranton	Pa.
Kenel, John Bonaventure A.B. 1949, Colgate University	Md.	Kleiman, Ansel B.S. 1950, Ohio State University	Ohio
Kennedy, Harold Grant A.B. 1947, LL.B. 1949, The George Washington University	Pa.	Klein, David Joel B.Ch.E. 1943, Cooper Union	D.C.
Kennedy, Joseph Bernard, Jr. A.B. 1950, Wayneburg College	Md.	Klipple, Mary Jane A.B. 1946, The George Washington University	Colo.
Kennex, Earl Edward B.S. in Ch.E. 1950, University of Oklahoma	Md.	Klitzman, Maurice H. B.S. in M.E. 1948, Purdue University	Ohio
Kent, Arthur Peter B.S. 1941, The George Washington University	Md.	Knapp, Edna A.B. 1943, Brooklyn College	N.Y.
Kent, Perrin Aloysius A.B. 1941, The George Washington University	Tex.	Knotts, James Owen III A.B. 1950, University of Maryland	Md.
Kerbe, Wilmer Matthew B.S. 1950, University of Maryland	Va.	Knowles, Myles Henry A.B. 1949, Michigan State College	D.C.
Kerr, Melvyn Herbert B.S. 1941, Indiana University	Pa.	Knudson, Alvin B. C. B.S. 1947, M.S. 1948, M.D. 1959, University of Minnesota	Va.
	D.C.	Konakhtsiysky, Kyril Wassileff Doctor of Political Science 1947, University of Innsbruck, Austria	Bulgaria
	Va.	Konold, William George B.S. in E.E. 1949, Cornell University	Ohio
	Mo.	Koons, Robert Henry B.S. 1940, University of North Carolina	N.C.
	Md.	Korpeck, Jerome Eli A.B. 1947, University of Rochester	N.Y.
	Ind.	Kostelic, Albert Anthony A.B. 1949, Western State College of Colorado	Colo.

Kostik, Peter James	Ohio	Langr, George Edward	N.Y.
A.B. 1949, The George Washington University		A.B. 1948, Union College	N.Y.
Kostka, Fred Paul	R.I.	Lapin, Earl Michel	D.C.
E.S. 1942, Rhode Island State College		A.B. 1950, The George Washington University	Va.
Kossaros, Harry George	Pa.	Lappin, John Eldridge	Va.
B.S. 1950, Albright College		Larkum, Allyn L.	
Koutsandreas, Peter Dionysios	D.C.	B.S. 1957, University of Virginia	
B.S. in C.E. 1948, The George Washington University		Lathram, Leslie Wade	
Kraft, Lester	Md.	A.B. 1947, Miami University	W.Va.
A.B. 1948, University of Maryland		A.M. 1949, University of Cincinnati	
Kraft, Maxwell Simon	D.C.	Lattimer, Patricia Ann	Kent.
B.S. 1950, University of Maryland		A.B. 1947, West Virginia University	N.Y.
Krales, Paul Joseph	Pa.	Laughlin, John Gregory, Jr.	
A.B. 1957, University of Pittsburgh		Laughlin, Richard Thomas	
Krauskopf, Franz Karl	Germany	B.S. in Ch.E. 1949, Notre Dame University	Me.
State Examination in Law 1959, Johannes Wolfgang Goethe University, Germany		Lawrence, Derek Peter	
Kreek, Louis Francis, Jr.	D.C.	B.S. in M.E. 1948, Clarkson College of Technology	Mass.
B.S. 1948, Massachusetts Institute of Technology		Leach, Daniel Joshua	
Krist, Fred George	N.Y.	B.S.F. 1948, University of Minnesota	Ky.
L.I.B. 1950, The George Washington University		M.F. 1946, Yale University	
Krol, Casimir Thaddeus	Va.	Leach, Frank Clay, Jr.	N.Y.
A.B. 1947, St. John's College		B.S. in M.E. 1947, University of Kentucky	
Kudash, Morton	N.Y.	Leader, John Lewis	
Kuhl, Arthur M.	Mont.	B.S. 1946, Canisius College	
A.B. 1950, The George Washington University		L.I.B. 1949, Georgetown University	D.C.
Kulla, A. Lincoln	D.C.	Leaman, John Frank	
Kump, Mary Camille	W.Va.	B.S. in M.E. 1949, University of Michigan	Ind.
A.B. 1946, West Virginia University		LeBlanc, Joseph Lenol	Mass.
Kune, Bernard Jack	D.C.	Leclerc, Joseph Roland	
Kurz, Philip Eldridge	Md.	B.S. 1948, University of Maine	D.C.
B.S. 1942, University of Maryland		Lee, John Franklin	
L		A.B. 1950, Bowdoin Young University	Me.
LaBarton, Robert Milton	N.Y.	A.B. 1950, University of Maryland	N.Y.
B.S. 1945, United States Naval Academy		Lee, Raymond	
Lacovara, Nicholas John	N.J.	B.S. 1948, Pennsylvania State College	
A.B. 1950, The George Washington University		LeFebvre, Jean Florent	
Laffin, Edward John	Calif.	A.B. 1947, A.M. 1948, The George Washington University	N.Y.
Lauchler, Robert Bosco	Ill.	Leffkowitz, Saul	
La mot, Robert Ivan	Va.	B.S. 1949, College of the City of New York	N.Y.
B.S. 1949, North Carolina State College		Legum, Howard Isadore	D.C.
L.I.B. 1950, The George Washington University		A.B. 1944, Harvard University	
Lalush, Basil	Pa.	Lehnert, Robert Conrad	
B.S. in E.E. 1949, Catholic University of America		Leigh, Edward Monroe	Conn.
Lambros, Vasilios Simos	D.C.	A.B. 1948, Hampden-Sidney College	
M.D. 1949, Georgetown University		L.I.B. 1947, University of Virginia	
Land, Ernest Henry	Ill.	Leimbach, Dorothy Gadois	Md.
A.B. 1950, Illinois College		A.B. 1945, Brown University	
Landers, William Lytle	Tenn.	Leitzel, John Frederick	Pa.
B.S. 1950, Middle Tennessee State College		B.S. 1950, University of Maryland	
Landing-Miranda, Jorge Luis	Puerto Rico	Lelevich, Joseph John	N.Y.
A.B. 1949, Florida Southern College		B.S. 1941, Pennsylvania State College	N.Y.
Landis, Harry Campbell	Md.	Lessuk, Gerald H.	
Lang, Edward Alexander	Fla.	Lester, Edwin	
B.S. 1944, University of Florida		B.S. in E.E. 1949, Rensselaer Polytechnic Institute	Ill.
L.I.B. 1950, The George Washington University		Levin, Mark	
Langenbeck, Earl Henry	Md.	B.S. in Ch.E. 1948, Princeton University	D.C.
B.S. in C.E. 1944, University of Missouri		Levin, Neal Theodore	
		B.S. in Ch. 1950, University of Virginia	N.Y.
		Levine, Alfred Bernard	
		B.S. in E.E. 1946, Cornell University	
		M.F.E. 1948, Rensselaer Polytechnic Institute	

Levine, Daniel Bernard A.B. 1947, The George Washington University	D.C.	Lott, Fred Eli A.B. 1947, A.M. 1948, Syracuse University	N.Y.
Levine, Grace Flax A.M. 1948, Columbia University	N.Y.	Lourie, Leonard Levy A.B. 1942, Miami University	Ohio
Levine, Herbert B.S. 1947, Brooklyn College	Va.	Love, James William B.A.E. 1950, Catholic University of America	D.C.
Levine, Irving B.S. 1941, M.S. 1941, Massachusetts Institute of Technology	Md. N.Y.	Love, James William Low, Robert Allen A.B. 1941, Stanford University	Pa. N.Y.
Levinson, Lawrence Stanley B.S. 1948, Rutgers University	N.Y.	Lowman, David Daniel A.B. 1949, Stanford University	Wash.
Levinson, Raymond Harold A.M. 1949, Columbia University	Va.	Loy, John Irving A.B. 1942, University of California	Calif.
Levinson, Raymond Harold A.B. 1948, The George Washington University		Luck, William Bryant A.B. 1948, University of Richmond	Va.
Levitan, Simon Wolfe B.S. in Eng. 1922, University of Pennsylvania	D.C.	Luckens, Frederick A.B. 1947, University of Idaho	Idaho
Levy, Harry B.S. in M.E. 1936, New York University	N.J.	Lund, Theodore J. B.S. in M.E. 1918, College of the City of New York	N.Y.
Levy, Robert M.S. 1946, Stevens Institute of Technology		Lundgren, Henry William Lundquist, George Arthur B.S. 1948, University of Maryland	Wash. Md.
Levy, Robert Ades B.S. 1950, University of Virginia	Va.	Lundy, Julian Percy A.B. 1949, The George Washington University	D.C.
Levy, Arnold Charles B.S. 1947, College of the City of New York	N.Y.	Luther, Elmer Eugene A.B. 1948, The George Washington University	Mo.
Levy, George Allan A.B. 1950, Wilkes College	Pa.	Lyda, James Claudett A.B. 1948, The George Washington University	D.C.
L'Honnmeden, Samuel Joseph, Jr. B.S. 1950, University of Maryland	D.C.	Lyle, Robert Eugene A.B. 1950, The George Washington University	Minn.
Liberty, Cyril Jean A.B. 1949, The George Washington University	D.C.	Lynch, John William	Md.
Licht, E. Jerry B.S. in E.E. 1946, Columbia University	Pa.	M	
Lifton, Est. L. Blaine B.S. 1948, University of Idaho	Idaho	Mack, James Edward A.B. 1944, The George Washington University	D.C.
Lofel, Eric A.B. 1949, University of Rochester	D.C.	MacDonald, Thomas Scott B.M.E. 1945, Rensselaer Polytechnic Institute	N.Y.
Lofgren, Raymond Franklin B.S. in M.E. 1949, The George Washington University	D.C.	MacKay, George Freeland A.B. 1950, Tufts College	D.C.
Lofgren, Thomas Perry A.B. 1947, New York University	D.C.	Mackey, Leonard Bruce B.E.E. 1945, Rensselaer Polytechnic Institute	N.Y.
Loft, Emanuel Herbert B.S. 1949, Ohio State University	N.J.	MacNicol, Layton Frank A.B. 1942, The George Washington University	D.C.
Loft, Nannette Elizabeth Doctorate of Law 1948, Leiden University, Netherlands	Ohio	MacRae, Duncan Shaw Macpherson, John Samuel A.B. 1949, Yale University	D.C. Md.
Lofte, Arthur Ludwig B.S. 1946, Trinity College	Conn	Mannus, Edward George A.B. 1934, LL.B. 1936, Columbia University	Va.
Loftis, Elizabeth Berkeley M.B.A. 1947, University of Pennsylvania		Maher, John Francis A.B. 1948, University of New Hampshire	N.H.
Loftis, Thomas Alexander A.B. 1949, The George Washington University	Md.	Maher, Stanton Bernard A.B. 1950, Syracuse University	N.Y.
Loftis, Leonard Luther, Jr. B.S. 1947, Virginia Military Institute	Va.	Maki, Walfred Victor Malmchak, Nicholas A.B. 1949, University of Pittsburgh	Minn. Pa.
Lofgren, John Monte A.B. 1941, Harvard University	N.Y.	Malone, William Grady B.S. 1941, Louisiana State University	Va.
Loren, Dewey Cecil Loren, Phyllis C.	Okla.	Mamish, Julia Manko, William Myron A.B. 1944, Bucknell University	W.Va. Pa.
Loche, Harold Homer A.B. 1935, Hanover College	Minn. Ind.		



Mann, Clyde Robinson	N.C.	McBurnett, Roe David, Jr.	Tenn.
B.S. 1947, East Carolina Teachers College		B.S. in E.E. 1944, Georgia Institute of Technology	Ga.
March, Francis Andrew, Jr.	D.C.	McCamy, Roy Lee	
A.B. 1950, The George Washington University		B.S. in C.E. 1920, Georgia Institute of Technology	Mass.
Mardinsen, Andrew	N.J.	McCarthy, Helen Mary	D.C.
B.S. 1959, Georgetown University		A.B. 1942, Regis College	
Marcus, Bernard	Pa.	McCarthy, Mary Ellen	D.C.
LL.B. 1948, Harvard University		A.B. 1947, Duke University	
Margaritis, Nicholas John	Calif.	McCarty, Charles Dennis	
Mari-Bras, Juan	Puerto Rico	B.S. in M.E. 1941, Northeastern University	D.C.
A.B. 1949, Florida Southern College		LL.B. 1948, Boston University	Mass.
Markham, Charles Buchanan	N.C.	McCeney, Buchanan Houston	
A.B. 1945, Duke University		McClellan, Lavonne Hedeen	
Markovich, Mike	D.C.	A.B. 1947, The George Washington University	Pa.
B.S. 1949, Georgetown University		McCloskey, Sylvester John	
Marmar, Alfred Charles	N.Y.	A.B. 1950, The George Washington University	D.C.
Mars, Benjamin Franklin	Ohio	McClure, William Pendleton	
A.B. 1950, Ohio Wesleyan University		B.S. in C.E. 1949, University of Pennsylvania	Pa.
Marsh, Samuel Dennis	D.C.	McConnel, Mary Alice	D.C.
A.B. 1948, Yale University		A.B. 1931, Hollins College	Ohio
Marshall, Charles Lance, Jr.	W.Va.	McCool, Cornelius Joseph	
B.S. in F.E. 1949, Purdue University		McCormick, Marvin Vincent	
Marshall, Edwin Hayward	Md.	A.B. 1941, University of Akron	Ohio
M.E. 1913, Rensselaer Polytechnic Institute		A.M. 1947, Harvard University	
Martin, Daniel Walter	Va.	McCulloch, John Kimsey	
Martin, Harry Robert	D.C.	B.S. in Eng. 1950, The George Washington University	Md.
A.B. 1949, University of Puerto Rico		McCullough, William Harrison	Md.
Martin, Leyland Myers	D.C.	McCurry, William Smith, Jr.	Ky.
B.S. 1934, University of Arkansas		B.S. 1948, University of South Carolina	
Martin, Luther Nunemaker	Pa.	McDaniel, John Bennett	Mass.
B.S. 1949, University of Missouri		B.E.E. 1946, University of Louisville	
Martin, Marshall Alden, Jr.	Va.	McDermott, William Thomas	
LL.B. 1950, The George Washington University		B.S. 1935, University of New Hampshire	
Martin, Peter J.	N.Y.	Ed.M. 1936, Boston University	Va.
A.B. 1950, The George Washington University		McDill, Thomas Kapp	Mass.
Martin, Richard Alton	Mo.	A.B. 1948, Miami University	
Martin, Robert William		McDonnell, Jessop Ignatius	N.Y.
A.B. 1949, Southwest Missouri State College		A.B. 1949, St. Martin's College	D.C.
Martin, Thomas Archie	Ill.	McDonough, Raymond John	
A.B. 1949, The George Washington University		McEnery, Thomas Vaughan	D.C.
Martino, Martin Roland	Va.	B.S. 1940, Louisiana Polytechnic Institute	Ark.
Massello, Joseph Alvin	Va.	McFarland, Edgar E., Jr.	
B.S. in Eng. 1950, The George Washington University		McFarland, John Robert, Jr.	W.Va.
Mason, William Bullard	D.C.	A.B. 1950, University of Arizona	
A.B. 1949, Dartmouth College		McGaughey, Rita Ann	Md.
Mates, Edward I.	N.Y.	A.B. 1947, College of St. Teresa	
A.B. 1939, Brooklyn College		McGee, Charles Edward	Ill.
Mathias, Richard Bingham	Pa.	B.Ed. 1934, Northern Illinois State Teachers College	
Mathis, William Lowrey	Tenn.	McGowan, Melvin Joseph, Jr.	Pa.
B.S. in M.E. 1947, Duke University		A.B. 1949, Coe College	
Mattson, Arthur Richard	D.C.	McGranery, Cornelius Joseph	Va.
A.B. 1950, The George Washington University		B.S. 1944, St. Joseph's College	
Matusic, Frank, Jr.	Pa.	McGurrin, James Joseph, Jr.	N.Y.
Maurer, George Joseph	Pa.	A.B. 1949, The George Washington University	
Mayer, Robert Charles	D.C.	McHale, James Francis	
B.S. 1941, United States Merchant Marine Academy		B.S. 1936, College of the City of New York	N.C.
B.S. 1948, Georgetown University		LL.B. 1949, Georgetown University	D.C.
Mazalewski, Raymond Adam	Wis.	McIntyre, Carl Franklin	
Ph.B. 1948, LL.B. 1941, Marquette University		McIntyre, Ernest Richard	
Mazza, Louis Francis	Md.		
McBane, James Norman	N.Y.		

McIver, John F. B.S. 1937, A.M. 1938, Fordham University	Ill.	Messenheimer, Alva Donald B.S. in E.E. 1947, Kansas State College of Agriculture and Applied Science	Va.
A.M. 1944, Columbia University			
McKay, James Crichton B.S. 1938, Cornell University	Md.	Metzger, Clyde Christian B.S. 1950, Pennsylvania State College	Pa.
L.L.B. 1947, Georgetown University		Meyer, Lucille W.	Tex.
McKay, Joseph Patrick	Mass.	Meyrowitz, Leon	Md.
McKee, James Oakes A.B. 1944, Knox College	Ill.	A.B. 1949, The George Washington University	
McKeon, Arthur Thomas M.E. 1948, Stevens Institute of Technology	N.Y.	Michaud, Lewellyn Richard	Va.
McKinley, Royce Baldwin A.B. 1942, University of Michigan		Mickler, Thomas Albert	D.C.
L.L.B. 1948, Harvard University	Md.	Miho, Katsugo	Hawaii
McKnew, Della Karples A.B. 1948, Goucher College		A.B. 1940, University of Hawaii	
McLaren, Lyle Chester, Jr. B.S. 1950, Ohio State University	Md.	Milby, Katherine Rebecca B.S. 1947, Virginia State Teachers College, Farmville	D.C.
McLaughlin, Edward Bruce B.S. in B.A. 1943, Georgetown University	Ohio	Miller, Edwin Cyrus A.B. 1949, Muhlenberg College	Pa.
McLaughlin, William Francis A.B. 1944, Swarthmore College	D.C.	Miller, Melvin Eugene	Md.
McLean, Charles Graham A.B. 1948, The George Washington University		Miller, Rodney Arthur A.B. 1949, University of Pennsylvania	Md.
McLesa, John Skelton McLennan, William Stuart B.S. 1947, University of Oregon	Va.	Miller, Roy Hamilton Miller, Theodore Arnold	D.C.
McMahon, Hardy Lee, Jr. B.S. 1948, Michigan State College	N.C.	Miller, Virginia Jane A.B. 1945, College of Wooster	Pa.
McNally, Marietta Clara B.S. 1947, Temple University		Millsop, Keith Duane A.B. 1948, Grove City College	Ohio
McNeil, George Elroy, Jr. A.B. 1942, The George Washington University	Ark.	Miskovsky, Milan Carl B.S.F. 1948, M.F. 1949, University of Michigan	D.C.
McPeak, Charles John A.B. 1950, St. John's University	Oreg.	Mitchell, Americus A.B. 1945, Vanderbilt University	Ill.
McProud, Carl Edwin B.S. 1938, Memphis State College	Tenn.	Mitchell, Charles Bradford Ph.B. 1928, A.M. 1929, Wesleyan University	Fla.
McRae, John Edwin B.S. in Ch.E. 1948, University of Detroit	Pa.	A.M. 1948, Ph.D. 1939, Harvard University	D.C.
McSoud, Clovis Fred A.B. 1948, A.M. 1950, The George Washington University	Md.	Mitchell, Edward Alexander A.B. 1941, University of Virginia	N.Y.
Meadows, Richard Carl A.B. 1950, The George Washington University	N.Y.	Modance, Walter Aaron B.S. 1948, College of the City of New York	N.Y.
Mearns, John Stephen, Jr. A.B. 1948, The George Washington University	Wis.	Mohr, Paul James Montecalvo, Vincent Frank B.S. 1950, Rhode Island State College	R.I.
Meerkrebe, Samuel B.S. in Eng. 1943, University of Toledo	Mich.	Mooney, Patricia Ann A.B. 1941, Texas College of Mines A.M. 1944, East Texas State Teachers College	Tex.
Melheim, Arnold Curtis A.B. 1950, The George Washington University	Okla.	Ph.D. 1946, Cornell University	
Mellen, David Ralph A.B. 1949, The George Washington University	D.C.	Mooney, Richard Edward A.B. 1940, University of Florida	Fla.
Mentzer, Robert George B.M.E. 1942, L.L.B. 1950, University of Detroit	Ind.	Mooney, Robert James B.E. 1942, Yale University	Conn.
Mercer, Joseph Jackson, Jr. A.B. 1948, Emory University	Ohio	Moore, Arthur Daniel B.S. 1949, East Tennessee State College	Tenn.
Mercogliano, Charles Eugene	D.C.		
Mercogliano, Victor Mario Merwin, John Chester A.B. 1950, University of Maryland	N.Y.	Moore, Boyd Guerry Moore, David Lewis A.B. 1916, Harvard University	D.C.
	Va.	Moore, Douglas Hamilton, Jr. B.S. 1950, The George Washington University	D.C.
	Mich.		
	Ga.	Moore, Jesse Myatt Moore, Stewart Fawcett A.B. 1943, Bethany College	Ark.
	D.C.	B.S. 1948, Carnegie Institute of Tech- nology	W. Va.
	D.C.		
	D.C.	Moorefield, Carlton Swain A.B. 1949, Lenoir-Rhyne College	N.C.

Moorefield, Courtney Marshall	N.Y.	Murtha, Edward	Pa.
B.S. in M.E. 1949, University of Illinois		A.B. 1949, Waynesburg College	Ta.
Morales-Yordan, Jorge	Puerto Rico	Myres, Charles Ernest	
A.B. 1948, University of Puerto Rico		A.B. 1942, Rice Institute	
Moran, Leon James	Conn.		N
LL.B. 1949, The George Washington University		Nachtsheim, John J.	N.J.
Moran, Leroy	Va.	B.S. in M.E. 1947, Webb Institute of Naval Architecture	D.C.
A.B. 1949, Lynchburg College		Naecker, Priscilla Margaret	Md.
Mordas, George	N.J.	Naehle, Henry Emil	Okla.
Morgan, Glenn Franklin, Jr.	Va.	Nad, Edwin Starkey	Hawai
Morgan, Grover Gordon, Jr.	N.C.	Nakashima, Sumo	Md.
A.B. 1941, Wake Forest College		Nalls, John Willard, Jr.	Pa.
A.M. 1948, New York University		Nappi, Patrick Samuel	Pa.
Morvan, John Edward	Maine	B.S. 1950, University of Scranton	Pa.
Morgan, Robert Eltonzo	Md.	Neal, Robert Martin	Ga.
B.S. in Eng. 1950, The George Washington University		A.B. 1948, A.M. 1949, Emory University	Va.
Morgenstein, Harvey Norman	Md.	Neeley, Arthur Call	Va.
B.S. 1949, University of Maryland		B.S. 1948, Columbia University	Va.
Meritz, Andrew Bruce	S.D.	Neighora, Walter Draper	Ta.
A.B. 1942, University of South Dakota		A.B. 1950, University of Virginia	Ta.
Morley, John Royal	N.J.	Nelson, Gordon Bruce	Ta.
A.B. 1949, Marietta College		B.S. 1950, Southern Methodist University	Ta.
Morris, Jack Curtis	Ill.	Nelson, Helen Mae	N.J.
A.B. 1949, Columbia University		A.B. 1950, San Diego State College	N.J.
Morris, Lewis Dawson	Va.	Nershi, Michael Thomas	Kan.
Morris, William Reynolds	Va.	A.B. 1949, The George Washington University	Kan.
B.S. 1949, LL.B. 1941, University of North Carolina		Nesbit, Mary Katherine	Md.
Morse, Walter Herbert	Conn.	A.B. 1933, The George Washington University	Md.
A.B. 1942, Princeton University		Nesbitt, John	Va.
LL.B. 1948, University of Virginia		Newhouse, Leroy Clark	
Moss, Sidney I.	N.Y.	Newlin, Joseph Homan	Nev.
A.B. 1948, The George Washington University		A.B. 1942, LL.B. 1948, The George Washington University	Nev.
Mowery, James Herman	Va.	Nichols, Charles Sidney, Jr.	Va.
Mowry, Boardman Shaw	Ill.	A.B. 1946, A.M. 1936, University of Nevada	Va.
B.S. in C.E. 1949, Purdue University		Nichols, Theron Hale	Md.
Mudd, Leonard Eugene	Md.	B.S. in M.E. 1948, University of Oklahoma	Md.
B.S. 1950, University of Maryland		Nichols, Warren James	Md.
Moor, Matthew Sharp	Hawaii	A.B. 1949, The George Washington University	Md.
A.B. 1954, University of Washington		Niland, Francis Willison	Calif.
Mulhearn, Rupert Albert	R.I.	A.B. 1950, St. Francis College	D.C.
A.B. 1950, The George Washington University		Noe, Anthony	
Mull, John Clifford	N.C.	Noe, Joseph Aloysius	Md.
Mullin, Roger William, Jr.	Va.	B.S. 1947, St. Joseph's College	Md.
A.B. 1945, Brooklyn College		Norman, George	
LL.B. 1948, Fordham University		A.B. 1947, Western Maryland College	D.C.
Mullon, Franklin Gerard	N.Y.	LL.B. 1949, University of Maryland	D.C.
B.S. 1941, University of New Hampshire		Norman, Hannah Smith	
Mundy, John Leo	Pa.	A.B. 1944, Goucher College	N.Y.
A.B. 1948, Lafayette College		M.S. in S.W. 1943, Catholic University of America	N.Y.
Muniz, John Allen	N.Y.	Norman, Henry Robert	Ill.
A.B. 1950, Davis and Elkins College		A.B. 1944, Western Maryland College	Ill.
Murphy, John Arizona	D.C.	Norris, Lawrence Geoffrey	N.Y.
B.S. 1948, Georgetown University		B.S. in E.E. 1947, University of Illinois	N.Y.
Murphy, John Thomas	R.I.		
Murphy, Joseph Patrick	Va.	Norton, Edward James	Va.
A.B. 1947, The George Washington University		A.B. 1948, Columbia University	Va.
Murray, John Joseph, Jr.	Mass.	Norvell, Robert Joseph	
B.S. 1949, Boston College		B.S. 1947, University of Wisconsin	
Murray, Joseph	Va.	LL.B. 1950, The George Washington University	
B.S. 1949, University of Richmond			
Murphy, Everett Clark	Ohio		
A.B. 1947, Harvard University			
LL.B. 1950, The George Washington University			



Nunn, Frances Louise A.B. 1948, Vassar College	D.C.	Paley, Henry David A.B. 1947, Antioch College	N.J.
Nittmann, Harold Franklin A.B. 1937, The George Washington University	Kans.	B.S. 1950, United States Merchant Marine Academy	
Nye, William David A.B. 1947, The George Washington University	Md.	Pallansch, Margaret Mary A.B. 1940, Trinity College	D.C.
Nyhaugen, Donald Richard B.S. 1944, University of California	Va.	Palmer, Arthur Andrew, Jr. B.S. 1918, University of Maryland	Va.
O		Palmer, William David B.S. 1947, United States Coast Guard Academy	Va.
O'Brian, Paul William, Jr. A.B. 1948, University of North Carolina	D.C.	Pandano, Nicholas Anthony B.S. in Chem. Eng. 1947, Northeastern University	Mass.
O'Brien, James Dennis B.S. 1942, Tufts College	Iowa	Pappas, Leo Basil A.B. 1944, High Point College	N.Y.
O'Callahan, Brendan Joseph A.B. 1948, Manhattan College	Mass.	Parker, Charles Harke B.S. 1942, Worcester Polytechnic Institute	D.C.
O'Connor, John Joseph D.D. 1947, Morehouse College	Va.	Parker, Ralph Woodford A.B. 1949, Georgetown College	Md.
O'Fallon, Alce Louise A.B. 1947, Pennsylvania State College	Md.	Parkinson, Kenneth Walls A.B. 1938, The George Washington University	Md.
O'Fen, Fred George B.S. in E.E. 1950, Union College	Pa.	Parrish, John L. B.S. 1944, California Institute of Technology	N.Y.
O'Gara, David Pierce B.S. in Ch.E. 1948, Rensselaer Polytechnic Institute	D.C.	Pastoriza, Ralph Babcock B.S. 1948, University of Michigan	N.Y.
O'Hara, Joseph Patrick, Jr. A.B. 1948, The George Washington University	D.C.	Patnaude, Edmund Thomas B.E.E. 1948, Rensselaer Polytechnic Institute	Va.
O'Hara, Francis Edward A.B. 1949, Pennsylvania State College	Minn.	Patterson, Lawrence William, Jr. A.B. 1950, Florida State University	Fla.
Olefin, Karl Anthony B.S. 1948, Ohio State University	Pa.	Pattison, Herbert Allen B.S. 1947, Missouri State College	Md.
O'Leary, Robert Eugene B.S. in Ch.E. 1948, Pennsylvania State College	Ohio	Pattison, William Hoffman, Jr. A.B. 1949, Yale University	Md.
O'Leary, John Seymour B.S. in E.E. 1942, Purdue University	Utah	Patton, Arthur Gordon LL.B. 1940, The George Washington University	Va.
O'Leary, Richard B.S. 1944, B.S. in Ch.E. 1948, Pennsylvania State College	D.C.	Patton, Harold Sterling A.B. 1942, Temple University	Pa.
O'Leary, Austin Godfrey B.S. 1948, University of Notre Dame	N.Y.	Patton, William Lyle P.R.E. 1950, Colorado School of Mines	Pa.
O'Leary, Conley Ellsworth A.B. 1949, Michigan State College	Pa.	Patterson, Eugene Bernard A.B. 1949, The George Washington University	Pa.
O'Leary, Milton B.S. 1947, College of the City of New York	N.J.	Payne, William Darby A.B. 1949, University of Maryland	D.C.
O'Leary, Stephen Frederick A.B. 1949, Wittenberg College	Va.	Payne, William Lyle P.R.E. 1950, Colorado School of Mines	Pa.
O'Leary, Axel Waldeman A.B. 1949, The George Washington University	D.C.	Pear, Leon B.S. 1947, University of Maryland	Pa.
P		Pearse, Adelaide Emma A.M. in L.S. 1944, University of Michigan	D.C.
Pace, Stephen, Jr. B.S. 1946, United States Military Academy	N.J.	Pearson, Eli Allan A.B. 1950, Syracuse University	N.Y.
Pager, Elizabeth Eugenia A.B. 1945, The George Washington University	Wash.	Pearson, Joe Morgan B.S. 1941, Northeastern State College	N.Y.
Pallas, Thomas Constantine B.S. in Ind. Eng. 1948, Washington University	Ga.	Peartree, Frank Theodore A.B. 1949, William Jewell College	N.J.
	D.C.	Pelham, David Elliot B.S. 1931, Tufts College	D.C.
	Mo.	Peltzer, Vernon Amos A.B. 1941, DePaul University	Ill.
		Pendergast, Charles William B.S. 1942, University of Pennsylvania	W.Va.
		Pendleton, Edmund E., Jr. LL.B. 1948, Georgetown University	D.C.



Quenstedt, Warren Daley A.B. 1950, The George Washington University	D.C.	Reid, Paul Samuel B.S. in E.E. 1944, Virginia Polytechnic Institute	Md.
Quigley, Calvin Carlyle A.B. 1948, University of Colorado	Va.	Reid, William Grant	Va.
Quill, John Joseph A.B. 1950, Ohio Wesleyan University	Conn.	Reilly, George Kenneth Gordon A.B. 1947, The George Washington University	Wash.
Quisenberry, John Ascum A.B. 1948, Harvard University	Ill.	Reiniche, Harvey Terry B.S. 1950, East Tennessee State College	Tenn.
R			
Rabineau, Norman B.S. 1950, University of Maryland	D.C.	Reising, Paul Joseph B.S. 1947, Xavier University	Ohio
Raczkowski, Chester John A.B. 1948, Syracuse University	N.Y.	M.S. 1949, University of Detroit	N.J.
Radko, Joseph A.B. 1950, Wilkes College	Pa.	Reitman, Seymour George	D.C.
Randsale, Gerald Hamilton A.B. 1948, Montana State University	Mont.	Remer, Bertram Robert B.S. in E.E. 1949, Duke University	Ohio
Rand, Alice Marion A.B. 1948, Wellesley College	Conn.	Remington, Joseph Loy A.B. 1950, The George Washington University	Ohio
Rapp, Paul Herbert A.B. 1947, University of California at Los Angeles	Mo.	Rengel, Richard B.S. in E.E. 1946, University of Minnesota	Minn.
Raring, Frederick William B.S. 1949, Lehigh University	Pa.	Renner, Robert Richard B.S. 1948, Bethany College	Ohio
Raskin, Herbert B.S. 1947, College of the City of New York	D.C.	Roscoe, Robert Russell	D.C.
LL.B. 1949, New York University		Reynolds, William Lavern	D.C.
Rasmussen, Frank Joseph B.S. in E.E. 1949, University of Illinois	Md.	Rhyme, Bruce Wilson	Va.
Rath, Robert Karl LL.B. 1950, The George Washington University	Ohio	Ricci, Giorgio LL.D. 1949, University of Rome	Md.
Ratton, Robert Edwin B.S. 1948, Purdue University	Ind.	Rick, Donald Jenkins	Md.
Rayman, Morey Arnold B.S. 1949, The George Washington University	Fla.	Richards, William Robert LL.B. 1950, The George Washington University	Md.
Reagan, James Edwin LL.B. 1950, The George Washington University	D.C.	Richardson, Paul Bryant B.S. 1949, Davidson College	D.C.
Reardon, Barbara Ellen A.B. 1948, University of Washington	Wash.	Richardson, Robert Owen B.S. 1946, Deury College	Mo.
Rearnick, Anderson Malvin, Jr. B.S. 1949, Wheaton College	Pa.	Richardson, Thomas Totten	Va.
Reback, William B.S. in M.E. 1948, Purdue University	N.Y.	Richardson, Walter John	Conn.
Reckenswald, William Elmer B.S. in M.E. 1948, Purdue University	N.Y.	Richman, Harold L. A.B. 1944, College of the City of New York	N.Y.
Redd, Lavinia Lindsay A.B. 1935, Randolph-Macon Woman's College	Va.	LL.B. 1949, Fordham University	
Redd, William Marshall, Jr. B.S. 1942, M.B.A. 1949, University of Maryland	Md.	Richards, Herbert Betz	Mich.
Reddington, John Martin B.E.E. 1950, Catholic University of America	Pa.	Riddle, Alvin Joseph B.S. in E.E. 1949, Catholic University of America	Pa.
Redmond, Joseph Christopher B.S.E. 1944, Tufts College	Md.	Riggs, Bradner Charles	Va.
B.E.E. 1948, The George Washington University		Riley, Laura Frances A.B. 1932, University of Kansas	Colo.
Reed, Hallie Mae A.B. 1937, The George Washington University	Va.	Rinehart, Albert Walton B. of Arch. E. 1949, Catholic University of America	D.C.
Rees, Ira Jack A.B. 1944, Municipal University of Wichita	Md.	Ring, Paul Donald	N.C.
LL.B. 1949, University of Oklahoma		Risler, Robert Leman A.B. 1947, Shepherd College	Mass.
B.S. in E.E. 1950, Tufts College	Mass.	Ritland, Frederick Monks B.M.E. 1949, The George Washington University	W.Va.
		Ritterbusch, Irvin John A.B. 1950, University of Maryland	Md.
		Roamer, James Mahan, Jr. B.C.F. 1950, The George Washington University	D.C.
		Robbins, Frank Edward, Jr. B.S. in Ch.E. 1944, Rensselaer Polytechnic Institute	D.C.
		Roberts, Jennings Nicholas A.B. 1949, Morris Harvey College	W.Va.
		LL.B. 1943, LL.M. 1945, Georgetown University	



Roberts, Lewis Ross	Md.	Rotkin, Irving Jacob	Md.
Roberts, Perry Leonard	Va.	B.S. in M.E. 1946, Virginia Polytechnic Institute	N.J.
B.S. 1948, Oklahoma Agricultural and Mechanical College		Rottenberg, Seymour A.	D.C.
Roberts, Richard Edwin	Va.	A.B. 1948, The George Washington University	D.C.
Robertson, Roger E.	Md.	Rowe, Frank Hamett, Jr.	D.C.
B.S. in E.E. 1942, M.S. in E.E. 1942, Massachusetts Institute of Technology		B.S. in M.E. 1945, Drake University	
Robinson, Armand Irving	Pa.	Rowe, Willis Case	N.J.
B.S. 1940, Drexel Institute of Technology		A.B. 1948, LL.B. 1950, The George Washington University	
Robinson, Thomas Adams	D.C.	Rowitz, Bernard	Pa.
Roche, Redmond Howard, Jr.	Mich.	A.B. 1948, Rutgers University	
B.S. 1940, University of Michigan		Roylance, Donald Carver	N.Y.
LL.B. 1942, University of Detroit		Rudbrook, William Parker	
Ro-Lowicz, Jerome Bernard	N.Y.	A.B. 1950, Grove City College	
B.J.E. 1950, The George Washington University		Ruditz, David	Mass.
Rockwell, Marion Arden	Pa.	A.B. 1949, The George Washington University	
B.S. 1942, Master of Letters 1950, University of Pittsburgh		Rudman, Gerald Earl	Va.
Roderbush, Frederick Ludwig	Wis.	A.B. 1945, University of Maine	
A.B. 1941, A.M. 1941, University of Nebraska		Rugen, Barbara Dutsch	Pa.
Rodgers, James Edwin	Pa.	A.B. 1942, Wooster College	
LL.B. 1950, The George Washington University		Ruhlman, Terrell Louis	Pa.
Rogel, William Walter	Va.	B.S. 1949, Pennsylvania State College	Puerto Rico
A.B. 1940, The George Washington University		Ruiz, Peter John	Calif.
Rogers, Harold John	Pa.	A.B. 1951, Polytechnic Institute of Puerto Rico	
A.B. 1947, University of Scranton		Russ, Wilbur Joseph	Ohio
Roux, Nathaniel H.	Va.	A.B. 1950, University of California	
A.B. 1944, A.M. 1935, New York University		Russell, Denver Lee	Mass.
Rogoff, Manuel	D.C.	A.B. 1947, Mount Union College	
B.S. 1948, Columbia University		Russell, Robert Raymond	Va.
Rolander, Robert Dale	Kans.	B.S. 1940, United States Coast Guard Academy	
B.S. 1950, University of Colorado		Russell, Thomas Hale	Mo.
Roller, Frank Couner	D.C.	A.B. 1949, Harvard University	
B.S. 1940, University of Arizona		Russell, William David	
Rolph, John Fletcher III	D.C.	A.B. 1946, LL.B. 1948, University of Missouri	
Rouev, William Rogers	Md.	LL.M. 1940, The George Washington University	Va.
B.S. 1946, United States Military Academy		Russo, Sarah Churchill	Pa.
Rooney, William Albert	Wash.	A.B. 1941, Hollins College	
Rosada, Stefan	D.C.	Ruszkewicz, Joseph Edward	D.C.
LL.B. 1922, University of Poznan, Poland		B.S. in E.E. 1948, University of Pittsburgh	
Rose, Alan Conrad	N.J.	Rutledge, Jean Ann	Utah
B.S. 1947, Massachusetts Institute of Technology		A.B. 1947, Indiana University	
Rose, Donald Lewis	Pa.	Ryan, James Anthony	Va.
B.S. in Ch.E. 1947, Pennsylvania State College		B.S. 1940, College of the Holy Cross	
Ross, Daniel Michael	Pa.	LL.B. 1947, Cornell University	Md.
A.B. 1946, A.M. 1948, The George Washington University		Ryan, John Clifford	
Ross, Samuel B.	D.C.	A.B. 1947, Iona College	
A.B. 1931, University of Pittsburgh		Rymer, Thomas Arrington	
A.M. 1931, Ph.D. 1931, Columbia University		B.C.E. 1948, Cornell University	
Rossi, Henry	R.I.		
A.B. 1940, The George Washington University		Sabol, Eugene	D.C.
Rossiter, Samuel Uriah	Pa.	B.C.E. 1950, Rensselaer Polytechnic Institute	
A.B. 1947, Allegheny College		Saccardi, Clarence Richard	D.C.
Rothberg, Samuel Bernard	N.Y.	Sadler, Frederick T.	N.Y.
Rothberg, Allan	D.C.	B.S. 1944, California Institute of Technology	
B.C.E. 1944, College of the City of New York		Sadowsky, Gersten	N.Y.
Rothrock, John Allen, Jr.	Va.	B.M.E. 1947, College of the City of New York	
B.S. 1945, Northwestern University		Saffitz, Abraham Alan	
		A.B. 1936, Cornell University	
		LL.B. 1950, The George Washington University	

Sagle, Robert Franklin A.B. 1951, The George Washington University	Md.	Schneider, Edwin Roy A.B. 1948, University of Michigan	D.C.
St. Amand, Joseph Maxim Jr. B.S. in E.E. 1949, Purdue University	D.C.	Schnitman, Frederick S. A.B. 1948, The George Washington University	D.C.
St. George, William Ross B.S. 1946, United States Naval Academy	N.C.	Scholtz, Edward Karl LL.B. 1950, The George Washington University	Nebr.
St. Jean, Harvey Joseph St. John, Charles Richard A.B. 1948, University of Akron	Fla. Ohio	Schran, Donald R. B.S. in M.E. 1949, University of Pittsburgh	Md.
Sakai, Hiroshi LL.B. 1950, The George Washington University	Hawaii	Schrier, Edward B.S. 1949, University of Maryland	Md.
Salladay, David Eugene Salter, Ed. or Arnold B.S. in M.E. 1945, Brown University	Wyo. R.I.	Schroeder, Frederick John B.S. 1958, United States Naval Academy	N.Y.
Samet, Mary Ann A.B. 1947, University of Missouri	Mo.	Schuler, James Lee B.S. 1947, Webb Institute of Naval Architecture	Md.
Sanchez, Burdette Boardman Sanchez, Frank Powell Sanchez, John Albert A.B. 1948, The George Washington University	Pa. N.C. Pa.	Schuppert, Eric Adolph Schwartz, Helen Janet A.B. 1948, The George Washington University	D.C. D.C.
Sanka, William George B.S. 1950, Pennsylvania State College	Pa.	Schwartz, Raphael Henry B.S. in M.E. 1939, Marquette University	Wis.
Santiago Marrero, Salvador Sanka, Samuel A.B. 1950, Wilkes College	Fla. Pa.	Schwartz, Sol B.Ch.E. 1948, College of the City of New York	D.C.
Sayre, Robert Marion A.B. 1949, Willamette University	Oreg.	Schwartzbach, Saul Marvin A.B. 1949, The George Washington University	Md.
Scarborough, James K. A.B. 1949, The George Washington University	Miss.	Sears, Robert Elsworth A.B. 1950, University of Cincinnati	Ky. D.C.
Scarborough, Maxine A.B. 1947, University of South Carolina	S.C.	Seavey, Carson Trafton A.B. 1943, Rollins College	D.C.
Schaler, William John A.B. 1948, University of Pittsburgh	D.C.	Seliger, Edgar Lee Jr. B.S.C. 1941, University of Georgia	Va.
Schaler, Frederick B.S. 1945, The George Washington University	D.C.	Sedmak, Michael Edward A.B. 1949, Muhlenberg College	Pa.
Schaltz, Wilmer Shelly A.B. 1948, Georgetown University	D.C.	Sells, Harry George A.B. 1949, University of Pittsburgh	Ohio
Schaltz, Theodore Jacob A.B. 1941, College of the City of New York	N.Y.	Seltzer, Donald Miller B.S. 1948, North Carolina State Teachers College	D.C.
Schellherz, William Vincent B.S. in E.E. 1945, University of Louisville	Md.	Servais, Raymond Alois A.B. 1950, The George Washington University	Wis.
Schenck, Joseph Samuel Scherback, William John B.S. in E.E. 1946, University of Wisconsin	N.C. Va.	Sessler, Albert Louis, Jr. B.S. 1950, Iowa State College of Agriculture and Mechanic Arts	Iowa
Schiffler, Carl Conrad A.B. 1950, Amherst College	D.C.	Seybert, Harry David A.B. 1950, The George Washington University	D.C.
Schlier, David Mulford B.S. 1948, Carnegie Institute of Technology	D.C.	Shaffer, Earl Edward Shank, Robert Edgar	W.Va. Md.
Schmeltzer, Edward A.B. 1950, Hunter College	Md.	Shapiro, David LL.B. 1950, The George Washington University	N.Y.
Schmertz, Robert Colgan, Jr. B.S. in E.E. 1943, Princeton University	Pa.	Shapiro, Nelson Hirsch B.E. 1948, Johns Hopkins University	D.C.
Schmier, Marshall A.B. 1950, University of Maryland	Md.	Sharkey, James Francis Sheble, Walker Franklin A.B. 1943, Princeton University	Pa. Pa.
Schreibers, Rosalyn A.B. 1949, The George Washington University	D.C.	Shelhorse, George Walter Shenko, William Edward B.S. 1950, North Dakota State Teachers College	Va. N.D.

Sheridan, Philip Henry	D.C.	Skelly, George Martin, Jr.	Md.
B.S. in E.E. 1944, Worcester Polytechnic Institute		A.B. 1949, The George Washington University	D.C.
LL.B. 1949, The George Washington University		Skidmore, James Harold	Va.
Sherman, Benjamin	N.Y.	A.B. 1949, West Virginia University	Md.
A.B. 1948, New York University		Skillman, Douglas Benjamin	
Sherman, William Robert	Ill.	B.S. 1942, Pennsylvania State College	
B.S. 1946, University of Wisconsin		Sloane, Edward Frederick	D.C.
Sherwood, James Steek	Va.	A.B. 1950, The George Washington University	
A.B. 1947, The George Washington University		Small, Grover Lee	Md.
Shields, James Robert	Md.	A.B. 1949, University of Maryland	
B.S. 1949, University of Maryland		Smigielski, Joseph Francis	N.Y.
Shm, Alvin Tong	Hawaii	B.S. 1941, Boston College	
A.B. 1949, University of Hawaii		Smith, Charles William	Tn.
Shindell, Sidney	Conn.	A.B. 1951, The George Washington University	
B.S. 1944, Yale University		Smith, Emory Clark	
M.D. 1946, New York University		A.B. 1949, North Texas State Teachers College	
Shingler, Julian James	Ga.	A.M. 1933, University of Texas	D.C.
B.S. 1930, United States Coast Guard Academy		LL.B. 1937, Southern Methodist University	
Shipley, Carl Layton	D.C.	Smith, George Francis	Ga.
B.S. 1942, Georgetown University		A.B. 1950, The George Washington University	N.Y.
LL.B. 1948, Harvard University	D.C.		
Shipley, George Edward	Ind.	Smith, Grady Fay	
Shookman, Loyd Allen		Smith, Harold	Md.
A.B. 1949, The George Washington University		A.B. 1951, The George Washington University	
Shore, Jacob	Ohio	Smith, Harold Calmes, Jr.	N.Y.
B.S. in M.E. 1946, Illinois Institute of Technology		A.B. 1950, The George Washington University	
Shryock, Richard Fuller	Md.		
A.B. 1930, University of North Carolina		Smith, Hugh Edward	N.M.
Shugar, Harold Bernard	N.C.	B.Chem. 1947, Rensselaer Polytechnic Institute	D.C.
A.B. 1946, University of South Carolina		Smith, Jack Albert	
Shugart, Elizabeth Wise	W.Va.	Smith, Jennings Talbot	Va.
A.B. 1947, Ohio University		A.B. 1950, The George Washington University	
Shuster, Jacob	N.Y.	Smith, Joseph Pearl, Jr.	D.C.
B.M.E. 1949, College of the City of New York		B.S. 1949, University of Illinois	
Shutkin, Joseph Jerome	Wis.	Smith, Mildred Jonathan	N.Y.
A.B. 1947, University of Wisconsin		A.B. 1945, Bryn Mawr College	N.Y.
Siegal, Abraham	Calif.	Smith, Robert	
B.S. 1940, College of the City of New York		Smith, Thomas Richard	
J.D. 1950, The George Washington University		B.Met.E. 1950, Rensselaer Polytechnic Institute	N.C.
Silver, Richard A.	D.C.	Smith, Wallace Morrell	Md.
A.B. 1943, Boston University		A.B. 1949, The George Washington University	
Silverman, Ely	N.Y.	Socular, Milton Joseph	D.C.
A.B. 1940, New York University		B.S. 1950, University of Maryland	
B.S. 1947, Columbia University		Soffen, Marvin C.	Va.
Simon, Leonard Eli	N.Y.	B.Ch.E. 1949, Cornell University	
B.S. in B.A. 1948, Ohio State University		Solf, Waldemar Alexander	D.C.
Sipes, John William	Va.	A.B. 1935, J.D. 1917, University of Chicago	
A.B. 1942, The George Washington University		Solomon, Edward, Jr.	Md.
LL.B. 1949, Georgetown University		A.B. 1949, Pennsylvania State College	
Sirwatka, Paul Joseph	Pa.	Solomon, Leonard Alexander	N.Y.
A.B. 1950, Catholic University of America		B.S. 1950, University of Maryland	Fla.
Siskind, Eliot Irvin	Md.	Solomon, Lewis Jay	
A.B. 1948, Johns Hopkins University		Soltow, William Donald, Jr.	W.Va.
Sizemore, Harry Daniel	D.C.	B.M.E. 1948, Rensselaer Polytechnic Institute	
A.B. 1940, College of William and Mary			
Skalak, Ross	N.Y.	Somers, Edward	Va.
A.B. 1939, Hunter College		B.S. 1950, West Virginia University	
B.S. in L.S. 1940, Columbia University		Somers, George Britton	Va.
		A.B. 1939, University of Richmond	
		Soucek, Frank James	
		B.E.E. 1948, The George Washington University	



Southerland, Elizabeth Lamkin A.B. 1940, University of Georgia	Ga.	Steiniger, John Francis, Jr. A.B. 1948, LL.B. 1949, University of Kansas	Kans.
Southwell, Paul M. A.B. 1940, The George Washington University	Va.	Steinert, Leif M. Emil	D.C. Fla.
Souler, Raymond Curtiss A.B. 1940, West Virginia University	Va.	Stephens, John A.B. 1946, The George Washington University	
Soled, John Broadus B.M.E. 1947, Georgia Institute of Technology	D.C.	Sternberg, Arnold Charles A.B. 1947, University of Wisconsin	Mass.
Spa, Norman Noah A.B. 1940, Brooklyn College	N.Y.	Stetson, John Hewes A.B. 1940, University of Maryland	Md.
Spangle, Clarence Wilbur B.A. 1945, Yale University	D.C.	Stetson, Richard A.B. 1940, The George Washington University	Md.
Spaul, George Klepfer A.B. 1942, Brown University	Md.	Stevens, Alexander Louis A.B. 1949, The George Washington University	Va.
Spaul, Harvey Milton LL.B. 1948, Harvard University	R.I.	Stevens, Donald J. A.B. 1940, Muhlenberg College	Ohio
Spaul, The George Washington University		Stevens, Joseph Leopold S.J.D. 1945, University of Vienna	D.C.
Spaul, Eugene Paul A.B. 1947, The George Washington University	D.C.	Stewart, Clark Berry B.M.E. 1948, Clemson College	Va.
Spaul, George B.C.E. 1942, M.C.E. 1947 Polytechnic Institute of Brooklyn	Va.	Stewart, Milton David A.B. 1941, New York University	N.Y.
Spaul, Woodruff Wilson B.S. 1941, University of Pennsylvania	Calif.	Stettin, Bernard B.S. 1948, College of the City of New York	N.Y.
Spaul, Charles E., Jr. A.B. 1950, The George Washington University	Idaho	Stillings, Richard Justesen A.B. 1950, University of Maryland	D.C.
Spaul, Jerome E.E. 1949, College of the City of New York	D.C.	Stuchman, Joseph B.S. in E.E. 1944, Cooper Union	D.C.
Spaul, Jack Robert A.B. 1940, University of North Carolina	Ill.	Sturley, David Wesley B.S. 1940, Pennsylvania State College	Va.
Spaul, Thomas Denmuth A.B. 1940, University of North Carolina	Va.	Stitt, Nelson Alexander A.B. 1948, University of Pittsburgh	Md.
Spaul, John Paul A.B. 1950, University of Maryland	Pa.	Storkson, Ralph Madison, Jr. B.S. 1948, LL.B. 1950, University of North Carolina	Va.
Spaul, Curtis Howe, Jr. B.S. 1941, Purdue University	Ala.	Stofko, Stephen James, Jr. B.S. 1947, University of Maryland	Pa.
Spaul, Harold Eugene B.S. 1946, University of Pennsylvania	Va.	Stoll, Ervin Wightman B.S. in B.A. 1947, LL.B. 1948, University of South Carolina	S.C.
Spaul, Christopher Randolph, Jr. B.S. in C.E. 1929, Mississippi State College	Pa.	Stolwin, Walter B.S. 1947, College of the City of New York	Md.
Spaul, John Regan A.B. 1948, Cornell University	Miss.	Stolz, Albert Donald B.S. in E.E. 1944, Rose Polytechnic Institute	Ind.
Spaul, James Elwood A.B. 1940, Franklin and Marshall College	D.C.	Stoner, James Reist B.S. in C.E. 1949, Franklin and Marshall College	Pa.
Spaul, James Thomas B.S. 1941, Catholic University of America	Calif.	Storey, Robert George A.B. 1950, Miami University	Ohio
Spaul, Lewis Tilden B.M.E. 1946, Syracuse University	Va.	Stork, Creighton Mitchell A.B. 1949, College of Charleston	S.C.
Spaul, Robert Carlisle A.B. 1943, Roanoke College	Mich.	Stover, Joseph Glenn A.B. 1950, Dickinson College	Pa.
Spaul, Merwin B.S. 1947, B.C.E. 1948, Rensselaer Polytechnic Institute	Va.	Stoyanov, Sam A.B. 1948, The George Washington University	Ohio
Spaul, St. Mary's A.B. 1949, The George Washington University	Pa.	Stratman, Philip B.B.A. 1941, College of the City of New York	N.Y.
Spaul, Martin A.B. 1949, Cornell University	N.Y.	LL.B. 1949, Georgetown University	
Spaul, Jules Henry B.S. 1948, Pennsylvania State College	Va.	Strahan, John Barwick A.B. 1945, LL.B. 1948, Louisiana State University	La.
	N.Y.	Streb, Samuel Stephen	D.C.

	N.Y.	T	N.Y.
Strickman, Louis			
A.B. 1948, The George Washington University		Taffet, Hans	
Stuart, Kenneth Earl	Ind.	A.B. 1949, The George Washington University	Hawaii
Stubbs, Robert Sherwood II	Ala.	Takane, George Morito	Va.
A.B. 1943, University of Alabama		A.B. 1950, University of Hawaii	
Stuffle, Stewart E.	Fa.	Talbot, Charles Edward, Jr.	Va.
B.S. 1931, Pennsylvania State Teachers College		A.B. 1948, American University	
Stultz, Norman Frederick, Jr.	Mass.	Tanaka, Hajime William	Va.
Sturtevant, Alderic Clarence	Md.	A.B. 1950, University of California at Los Angeles	D.C.
A.B. 1949, The George Washington University		Tanner, Thomas Louis, Jr.	Pa.
Styles, Michael Hogan	Va.	Tanney, William James	
A.B. 1947, A.M. 1949, University of Virginia		Tancoe, James Dimitri	Ill.
Sullivan, Charles Xavier	R.I.	A.B. 1949, University of Pennsylvania	
Sullivan, Donal Emmett	D.C.	Taphorn, Joseph Bernard	
B.S. 1941, M.S. 1942, Fordham University		B.S. 1943, University of Illinois	Va.
Sullivan, Patrick Gerald	Tex.	B.S. in Eng. 1949, The George Washington University	Md.
B.S. 1940, University of Texas		Taylor, William Carr	Tex.
Sullivan, Ralph Hall	D.C.	Taylor, Andrew Eustace	D.C.
B.B.A. 1942, Boston University		B.S. in M.E. 1947, Tufts College	
M.S. 1949, Simmons College		Taylor, Charles Duke	D.C.
Sullivan, Thomas Vincent	N.Y.	Taylor, Daniel Gerald	Me.
A.B. 1942, New York University		A.B. 1949, Salem College	
LL.B. 1950, The George Washington University		Taylor, Dyer Justice	
Sullivan, William Franklin	D.C.	Taylor, Harry Earl, Jr.	Ky.
Summa, Frana Maria	Conn.	A.B. 1948, LL.B. 1949, The George Washington University	
A.B. 1949, A.M. 1950, Catholic University of America		Taylor, James D.	Ohio
Summer, Leonard	N.Y.	A.B. 1948, Western Kentucky State Teachers College	
B.S. 1939, M.S. 1958, College of the City of New York		Taylor, John Frank	N.Y.
Summers, Willard Winfield	Calif.	A.B. 1916, LL.B. 1939, University of Oklahoma	
A.B. 1941, University of California		Taylor, John Huntington	R.I.
Sures, Charles Stanley	D.C.	A.B. 1943, A.M. 1947, Cornell University	Va.
A.B. 1947, LL.B. 1949, The George Washington University		Tebeau, John Peter	Ind.
Suthayakhom, Wichet	D.C.	Techner, Martin Richard	
Sutton, Allen McDonald	Ohio	Teltser, Harold Robert	
B.S. 1944, University of Rochester		Temple, William Alan	Me.
Swan, Robert E.	Va.	B.S. 1946, United States Military Academy	
B.S. 1937, College of Puget Sound		Terry, George Mulford	W.D.
LL.B. 1948, The George Washington University		A.B. 1947, The George Washington University	
Swanner, J. Bailey	Tex.	Terry, Luke Edward	
B.B.A. 1949, Howard Payne College		B.S. 1918, University of Tennessee	S.C.
Swayze, Roy Albert	Va.	M.S. 1949, West Virginia University	
Swaze, Jesse Eugene	Okla.	Thackston, Carl Richard	Ta.
B.S. 1949, Oklahoma Agricultural and Mechanical College		A.B. 1949, Furman University	
Sweat, Noah Spurgeon, Jr.	Miss.	Thanheiser, Charles Augustus, Jr.	
B.S.C. 1946, LL.B. 1949, University of Mississippi		B.S. 1947, Agricultural and Mechanical College of Texas	S.
Sweeney, Edwin Cornelius	Va.	LL.B. 1949, University of Texas	Pa.
A.B. 1939, University of Kentucky		Theobald, Frederick H.	
M.D. 1943, Tulane University		Theophilus, George John	Va.
Sweeney, James C., Jr.	Va.	A.B. 1950, The George Washington University	
B.S. 1948, University of Denver		Thibault, Charles Daniel Harrison	Pa.
Sweeney, Stuart Thomas Hackstaff	N.J.	B.S. in C.E. 1956, University of Vermont	
A.B. 1949, Upsala College		Thomas, Earl Arvna	Fa.
Sweeney, Vincent Hilary	Mass.	A.B. 1949, The George Washington University	
B.S. 1949, Boston College		Thomas, Frane Vesta	Me.
Swick, Bernhard Ray	N.Y.	A.B. 1941, The George Washington University	Fla.
B.S. in Ch.E. 1947, University of Wisconsin		Thomas, Gregory	
Sylvester, Eugene Paul	N.J.	Thomas, Ralph Leslie	
		B.E.E. 1947, University of Louisville	

Thomas, William Bates A.B. 1951, The George Washington University	Va.	Tucker, Lyman Ray A.B. 1949, The George Washington University	Tex.
Thomas, William Franklin B.S. 1948, University of Oregon	Va.	Tucker, Ralph M.	Nev.
Thompson, Conrad Warden, Jr. B.S. 1948, Marshall College	W.Va.	Tully, John Montgomery	W.Va.
Thompson, Forest Thomas, Jr. B.S. 1950, College of the Holy Cross	Mass.	Tupman, Wilbur Crandell B.I.E. 1949, Georgia Institute of Technology	D.C.
Thompson, Frank Revell B.M.E. 1950, The George Washington University	Va.	Turchetti, Anthony Joseph B.S. 1945, M.S. 1947, Pennsylvania State College	Pa.
Thompson, George Cleveland, Jr. E.E.E. 1948, Clemson College	Va.	Turgeon, Joseph Henry III A.B. 1948, Otterbein College	Pa.
Thompson, James Elmer, Jr. A.B. 1949, University of Maryland	Md.	Turner, Brice William A.B. 1950, Harvard College	Md.
Thompson, Lucius Fred LL.B. 1949, The George Washington University	Ga.	Turner, Clarence William, Jr. B.S. in M.E. 1947, Purdue University	Wash.
Thompson, Matthew Charles B.S. 1949, Iowa State College of Agriculture and Mechanic Arts	Iowa	Turner, Joseph Morton A.B. 1949, Whitman College	Oreg.
Thompson, Stanwood A.B. 1949, State College of Washington	Md.	Turner, Perry Edward B.S. in E.E. 1949, Purdue University	Va.
Thompson, Thomas Carlton, Jr. B.S. 1948, University of Pennsylvania	Md.	Turner, Richard Clark A.B. 1950, State University of Iowa	Iowa
Thornton, Percy, Jr. A.B. 1940, University of Florida	N.C.	Twining, Richard Grant McKeever A.B. 1950, University of North Carolina	Va.
Thredgill, Eugene Earl LL.B. 1944, Georgetown University	D.C.	U	
Thurman, John Nelson B.S. in F.S. 1948, Georgetown University	D.C.	Unkenholz, Willard Clifton B.M.E. 1948, College of the City of New York	N.Y.
Thurmond, Cornelius Brooks, Jr. LL.B. 1950, The George Washington University	Ga.	Urban, Edward William A.B. 1950, Elmhurst College	Conn.
Tibbott, David Winship B.M.E. 1945, University of Virginia	Va.	Urman, Henry Herman J.D. 1934, University of Vienna	D.C.
Tillman, Murray A.B. 1944, Brooklyn College	N.Y.	Ushijima, John Takeji A.B. 1950, Grinnell College	Hawaii
Tillmann, Alfred Albert B.S. 1941, New York University	N.Y.	Usery, Albert Travis A.B. 1950, Washington University	Va.
Tindley, William Granville A.B. 1939, Centre College	Ky.	Uzzell, Edward Foy, Jr. B.S. 1949, University of North Carolina	Va.
Tirington, George Frank B.C.E. 1950, The George Washington University	Md.	V	
Tone, Emmet Wolfe A.B. 1948, Syracuse University	Conn.	Vache, Barbara Marie A.B. 1948, The George Washington University	Ohio
Topp, Max Edward A.M. 1934, University of Pennsylvania	Conn.	Valenzi, Joseph Thomas Vance, John Andrew	Va.
Tout, Polly A.B. 1946, Indiana University	D.C.	Van Loe, Ross Bowring B.E. 1945, Wisconsin State Teachers College, Whitewater	W.Va.
Trabulsi, Frank Michael LL.B. 1950, The George Washington University	N.Y.	Van Meter, Ellsworth Evans A.B. 1942, Indiana State Teachers College, Pennsylvania	D.C.
Treaynor, Raymond Patrick B.S. 1949, John Carroll University	Va.	Vautrain, Charles Edward, Jr. B.S. 1941, United States Coast Guard Academy	Va.
Treumann, Walter A.M. 1948, Washington University	Ohio	Vellone, Joseph A.B. 1948, New Jersey State Teachers College	Mass.
Trojan, Edward John A.B. 1950, Union College	Mo.	Venables, Harry Robert A.B. 1949, University of Maryland	N.J.
Troop, Glenwood Samuel, Jr. B.S. 1950, University of Maryland	N.Y.	Vernor, Richard Enloe A.B. 1950, University of Oklahoma	Md.
Trott, Robert John B.S. 1945, United States Naval Academy	Md.	Villalon, Edward Gonzales Villettaise, Jean Andre	Okl.
Tucker, Lillian Elizabeth A.B. 1949, University of Vermont	Va.	Vitale, Michael Joseph LL.B. 1950, The George Washington University	D.C.



Vogel, Ralph Henry B.S. 1946, Harvard University	Calif.	Webster, Edward B.S. 1942, University of Maryland	Md.
VonBrand, Theodor Phillip A.B. 1950, Brown University	Md.	Wehrle, Charles A.B. 1950, Davis and Elkins College	N.J.
Vonneuman, Nicholas August S.J.D. 1934, University of Budapest	Va.	Weigel, Charles Adolph, Jr. B.S. 1950, University of Maryland	Md.
A.B. 1949, The George Washington University		Weise, Allen Gardner B.S. 1948, The George Washington University	D.C.
W			
Waddingham, Albert Thorpe	Utah	Weiss, Rowena B.S. in Chem.E. 1949, Catholic University of America	N.Y.
Wade, Minnie Rountree A.B. 1929, Georgia State Teachers College	D.C.	Weiss, Sherwin Elihu A.B. 1950, Brooklyn College	Va.
Wadsworth, James Leo A.B. 1948, Brigham Young University	Nev.	Weissenberger, Walter George B.S. 1949, Georgia Institute of Technology	N.Y.
Wagner, Arthur Philip A.B. 1950, American University	N.Y.	Weissman, Milton B.Chem.E. 1939, New York University	Mass.
Walderon, Henry Ford A.B. 1949, David Lipscomb College	Md.	Weker, Simon Louis A.B. 1934, Harvard University	Tex.
Waldron, Richard Vernell LL.B. 1950, The George Washington University	Ill.	Ed.M. 1938, Boston Teachers College	
Walker, William David A.B. 1950, Cornell University	Va.	Welch, June R. A.B. 1950, Texas Christian University	N.Y.
Wallace, James David, Jr. Wallick, Robert Daniel B.S. in E.E. 1948, B.S. 1949, Lehigh University	Ala. D.C.	Wellington, Peretz A.B. 1950, The George Washington University	Ohio Iowa
Walsh, James Franklin B.S. 1946, University of Illinois	D.C.	Wells, Ellwood C. A.B. 1937, A.M. 1939, University of South Dakota	S.D.
Walsh, Jane Johnson A.B. 1950, Vassar College	D.C.	Wendt, Lucile Burd A.B. 1942, University of South Dakota	N.Y.
Walting, Paul John A.B. 1949, Pennsylvania State College	Pa.	Wenzel, Henry George A.B. 1939, LL.B. 1942, Harvard University	Ala.
Walton, Frederick Henry, Jr. B.S. 1938, LL.B. 1941, Georgetown University	Md.	West, Luther Charles A.B. 1948, Birmingham-Southern College	D.C.
Walton, Herbert James A.B. 1948, John B. Stetson University	D.C.	West, Norman Ariel A.B. 1949, University of Richmond	Va.
Warmack, William Davies Warner, John William B.S. 1949, Washington and Lee University	D.C.	West, Robert Nelson A.B. 1950, Lynchburg College	Va. Md. Ill.
Warner, Brainard Henry III B.E. 1946, Yale University	Md.	Westcott, Raymond Arthur Wetherbee, Fairland Henry Wharry, Llewellyn Russell A.M. 1939, State University of Iowa	D.C. Va.
Warner, Philip Lambert A.B. 1948, American University	Va.	White, Alfred Lawson White, Joseph Hill A.B. 1949, American University	Tenn.
Washington, James William A.B. 1946, Lafayette College LL.B. 1949, The George Washington University	Va.	White, Raymond Vernon B.S. 1950, Memphis State College	D.C. Va.
Watson, Jack Wilbur A.B. 1938, State University of Iowa	Iowa	White, Robert Bellarmine Whitmore, Charles Warren M.D. 1947, University of Virginia	Nor. D.C.
Weare, George Cabot A.B. 1949, University of Maryland	D.C.	Whitmore, Sidney Roxton Whitney, Courtney, Jr. A.B. 1949, Yale University	Va.
Webb, Joseph Coates, Jr. A.B. 1948, The George Washington University	D.C.	Whitney, George Ward B.F.E. 1949, Rensselaer Polytechnic Institute	Tex.
Weaver, David Paul A.B. 1948, Washington College	Md.	Whittenburg, John Vernor B.S. in Chem.E. 1948, Rice Institute	Md. Ga.
Weaver, Gilbert Earl A.B. 1948, Lenoir-Rhyne College LL.B. 1950, The George Washington University	N.C.	Whitworth, Lewis Beaman Wicker, George Stanley A.B. 1939, Emory University LL.B. 1950, The George Washington University	Md. Tex.
Weber, Arnold Isidor Ph.B. 1940, Marquette University A.M. 1950, Harvard University	Wis.	Wickline, Harry F. Wier, Richard Austin B.B.A. 1943, University of Texas	
Weber, Edward Robert B.S. 1940, Wisconsin State Teachers College, LaCrosse B.B.A. 1948, University of Wisconsin	D.C.		

Wilder, Leo B.M.E., 1949, College of the City of New York	N.Y.	Wood, Harry Eugene	S.C.
Wilkes, Charles Latimer A.B., 1950, Dartmouth College	D.C.	Wood, Jack Denman	Md.
Wilkes, James Claiborne, Jr. A.B., 1950, Dartmouth College	D.C.	Wood, Thomas Bennett	Tex.
Wilkins, Don Frank A.B., 1948, The George Washington University	Utah	Woodard, Calvin	N.C.
Williams, Henry Newton B.S., 1937, Middle Tennessee State Teachers College	Tenn.	Woodell, George Preston	Fla.
A.M., 1938, University of Tennessee		Woodhull, John Hawley	N.Y.
Ph.D., 1951, University of Chicago		Woodmansee, Charles H.	Md.
Williams, John Marshall Ed.B., 1936, Wisconsin State Teachers College, Eau Claire	D.C.	Woods, Robert Ora	Calif.
Williams, Reed Arnold		Woodward, Albert Young	Va.
Wilson, Daniel Lester, Jr. B.S. in E.E., 1948, Carnegie Institute of Technology	Idaho	Woolfs, William	Md.
Wilson, Leo Earl	Va.	Workinger, George Samuel	
Wilson, Leonard Merle, Jr. A.B., 1949, West Virginia University	D.C.	A.B., 1951, The George Washington University	
Wilson, Paul Grier, Jr. A.B., 1950, University of Maryland	Va.	Worley, Francis	Pa.
Wilson, Philip Harold Ed.B., 1940, Illinois State Normal University	Va.	A.B., 1938, Pennsylvania State College	Okla.
Wilson, York Lowry, Jr. B.S., 1950, LL.B., 1950, University of South Carolina	Ill.	Worley, Richard Bryce	Md.
Windheim, Sandoz A.B., 1948, A.M., 1950, The George Washington University	S.C.	Wortman, David Morris	
Winick, Herbert Joseph B.E.E., 1950, Cornell University	N.Y.	A.B., 1948, The George Washington University	Ark.
Winkelmann, Frederick William J.D., 1937, University of Göttingen, Germany	N.Y.	Wray, James Laban	Pa.
Witoff, Sheldon William B.S., 1949, University of Maryland	N.Y.	Wren, Edgar Alban	
Withers, John Lewis B.S., 1940, Davidson College	D.C.	A.B., 1957, University of Scranton	
Witherspoon, Fred Lee, Jr. B.S. in M.E., 1941, University of Maryland	N.C.	LL.B., 1948, Georgetown University	D.C.
Wohlleben, William McNulty B.M.E., 1942, Clarkson College of Technology		Wright, Berkeley	Pa.
Wolf, Zev Leopold B.S., 1951, Northwestern University	N.Y.	B.S., 1948, Carnegie Institute of Technology	D.C.
Wolfenson, Jan Warren A.B., 1948, The George Washington University	D.C.	Wright, Grant B.B.A., 1949, Southern Methodist University	
Wolfe, Lenard L. A.B., 1948, The George Washington University	Pa.	Wuesthoff, Clifton Harold	Wash.
Wolman, Harold B.S., 1942, College of the City of New York	N.Y.	A.B., 1950, State College of Washington	
Wong, Wing LL.B., 1949, The George Washington University	N.H.	Wyche, Benjamin Walker III B.S., 1943, Virginia Polytechnic Institute	Va.
Wood, Basil Alexander, Jr. A.B., 1948, University of North Carolina	Ala.	Wymore, Max Lee B.S., 1947, University of Kansas	Kans.
		Y	
		Yadao, Elias Perfecto A.B., 1949, University of Hawaii	Hawaii
		Yavener, Burton	N.J.
		Yeager, Philip Brand A.B., 1939, University of Arizona	Va.
		Yim, William Harry A.B., 1949, University of Hawaii	Hawaii
		Yorty, Robert Bell A.B., 1950, University of Nevada	Nev.
		Young, Benjamin Wallace B.S., 1948, Louisiana State University	La.
		Young, David B.M.E., 1949, Cooper Union	N.Y.
		Young, Edward William B.E.E., 1942, University of Detroit	Va.
		Young, John Henry III A.B., 1950, Washington and Lee University	D.C.
		Young, John Thomas A.B., 1950, University of Maine	Maine
		Young, Olive Emily A.B., 1929, A.M., 1930, University of Rochester	N.Y.
		LL.B., 1949, The George Washington University	

Youngman, Wilbur Hughes, Jr.  
A.B. 1950, The George Washington  
University  
Yount, Joseph Herman, Jr.  
A.B. 1950, Oberlin College

## Z

Zabregalski, Anthony, Jr.  
A.B. 1949, Bucknell University  
Zachary, Richard Eugene  
Zazetaki, Henry Bernard  
A.B. 1949, Pennsylvania State College  
Zhylyut, Chester Anthony  
A.B. 1950, De Paul University  
Zeidwer, Philip M.  
Zickert, Lloyd Lynn  
B.S. in M.E. 1950, Purdue University

Calif. Ziehl, Wilbur Henry  
A.B. 1950, The George Washington  
University  
Ohio Zimmerman, Edward Thomas  
A.B. 1950, St. Vincent's College  
Zitomer, Joseph  
Zosarski, Howard Francis  
B.S. 1950, University of Maryland  
Pa. Zorn, Otto Godfrey  
A.B. 1950, The George Washington  
University  
D.C. Zubeck, John Thomas  
D.C. A.B. 1951, The George Washington  
University  
Ill. Zuckerman, Martin Jay  
N.Y. Zuppas, Simos  
Md. LL.B. 1938, University of Athens

Md.

Pa.

D.C.  
Conn.

N.Y.

Pa.

N.Y.

D.C.



# SUMMARIES OF REGISTRATION

SUMMER TERM 1950

FALL AND WINTER TERMS 1950-51

## GEOGRAPHICAL DISTRIBUTION OF STUDENTS

### United States, Territories, and Possessions

Alabama	7	Nevada	10
Arizona	2	New Hampshire	4
Arkansas	10	New Jersey	46
California	27	New Mexico	5
Colorado	8	New York	184
Connecticut	31	North Carolina	37
Delaware	3	North Dakota	3
District of Columbia	381	Ohio	52
Florida	20	Oklahoma	11
Georgia	16	Oregon	4
Idaho	10	Pennsylvania	128
Illinois	45	Rhode Island	16
Indiana	18	South Carolina	13
Iowa	10	South Dakota	5
Kansas	10	Tennessee	18
Kentucky	9	Texas	30
Louisiana	6	Utah	10
Maine	6	Vermont	1
Maryland	217	Virginia	282
Massachusetts	45	Washington	15
Michigan	15	West Virginia	31
Minnesota	10	Wisconsin	12
Mississippi	5	Wyoming	5
Missouri	22	Alaska	3
Montana	5	Hawaii	17
Nebraska	6	Puerto Rico	5

### Foreign Countries

Afghanistan	1	Iraq	1
China	1	Netherlands	1
France	1	Yugoslavia	1
Germany	1		

## GRADUATES OF COLLEGES REGISTERED IN THE LAW SCHOOL

Akron, University of	3	Amherst College	2
Alabama, University of	2	Amsterdam, University of	1
Albany Law School	1	Antioch College	1
Albright College	1	Arizona, University of	3
Allegheny College	2	Arkansas, University of	4
Anna College	1	Athens, University of, Greece	1
American University	15	Augustana College	1

Ball State Teachers College .....	1	Davidson College .....	4
Baylor University .....	1	Davis and Elkins College .....	11
Belgrade, University of .....	1	Denver, University of .....	3
Berea College .....	2	DePaul University .....	2
Bethany College .....	2	De Pauw University .....	1
Birmingham-Southern College ..	1	Detroit Institute of Technology ..	5
Boston College .....	4	Detroit, University of .....	2
Boston Teachers College .....	1	Dickinson College .....	1
Boston University .....	5	Drake University .....	2
Bowdoin College .....	2	Drexel Institute of Technology ..	1
Bradley University .....	1	Drury College .....	11
Brigham Young University .....	4	Duke University .....	1
Brooklyn, Polytechnic Institute of	1	East Carolina Teachers College ..	2
Brooklyn College .....	15	East Tennessee State College ..	1
Brown University .....	7	East Texas State Teachers College	1
Bryn Mawr College .....	1	Eastern Illinois State College ..	1
Bucknell University .....	7	Edinburgh, University of, Scotland	1
Budapest, University of .....	1	Elmhurst College .....	3
Buffalo, University of .....	1	Emory University .....	1
California, University of .....	12	Evansville College .....	3
California at Los Angeles, Univer-		Fairmont State College .....	1
sity of .....	2	Fenn College .....	7
California Institute of Technology	2	Florida, University of .....	2
Canisius College .....	1	Florida Southern College .....	3
Carnegie Institute of Technology	4	Florida State University .....	5
Carson-Newman College .....	1	Fordham University .....	3
Case Institute of Technology ..	1	Franklin and Marshall College ..	1
Catholic University of America ..	22	Furman University .....	1
Central College, Mo. ....	1	Gannon College .....	137
Central Michigan State College ..	1	George Washington University, The	39
Centre College .....	1	Georgetown University .....	6
Charleston, College of .....	2	Georgia, University of .....	1
Chicago, University of .....	9	Georgia Institute of Technology ..	1
Chattanooga, University of .....	1	Georgia State Teachers College ..	1
Cincinnati, University of .....	3	Gettysburg College .....	1
Citadel, The .....	1	Göttingen, University of, Germany	1
Clark University .....	5	Goucher College .....	2
Clarke College .....	1	Grinnell College .....	1
Clarkson College of Technology ..	2	Grove City College .....	1
Clemson College .....	3	Hampden-Sydney College .....	36
Coe College .....	1	Hamover College .....	1
Colgate University .....	2	Harvard University .....	3
Colorado State College of Educa-		Havana, University of .....	1
tion .....	1	Haverford College .....	1
Colorado, University of .....	2	Hawaii, University of .....	3
Colorado State College of Agricul-		High Point College .....	5
ture and Mechanic Arts .....	1	Hollins College .....	1
Colorado School of Mines .....	1	Holy Cross, College of the .....	3
Columbia University .....	28	Howard Payne College .....	4
Connecticut, University of .....	3	Hunter College .....	1
Cooper Union .....	6	Idaho, University of .....	21
Cornell University .....	21	Idaho State College .....	1
Culver-Stockton College .....	1	Illinois, University of .....	1
Dartmouth College .....	7	Illinois College .....	1
David Lipscomb College .....	1	Illinois Institute of Technology ..	1

Illinois State Normal University..	1	Montana State University .....	1
Indiana University .....	6	Morningside College .....	1
Innsbruck, University of, Austria.	1	Morris Harvey College .....	2
Iona College .....	1	Mount St. Mary College .....	2
Iowa, State University of .....	6	Mount Union College .....	2
Iowa State College of Agriculture		Muhlenberg College .....	4
and Mechanic Arts .....	5	Nebraska, University of .....	5
Iraq Law School .....	1	Nevada, University of .....	3
Jamestown College .....	1	Newark, University of .....	1
Johann Wolfgang Goethe Univer-		New Hampshire, University of...	4
sity, Germany .....	1	New Jersey State Teachers Col-	
John B. Stetson University .....	2	lege, Montclair .....	1
John Carroll University .....	1	New Mexico, University of .....	2
Johns Hopkins University .....	6	New Mexico College of Agricul-	
Kabul, University of, Afghanistan		ture and Mechanic Arts .....	1
Kansas, University of .....	1	New York, College of the City of	39
Kansas City, University of .....	8	New York State Teachers College,	
Kansas State College of Agricul-		Buffalo .....	1
ture and Applied Science .....	4	New York University .....	23
Kent State University .....	1	Niagara University .....	1
Kentucky, University of .....	4	North Carolina, University of ...	24
Knox College .....	1	North Carolina State College ...	1
Lafayette College .....	4	North Central College .....	1
Lehigh University .....	4	North Dakota State Teachers Col-	
Leiden University, Netherlands ..	1	lege .....	1
Lenoir-Rhyne College .....	2	North Texas State Teachers Col-	
Louisiana Polytechnic Institute..	1	lege .....	1
Louisiana State University .....	6	Northeastern State College .....	1
Louisville, University of .....	4	Northeastern University .....	5
Loyola University .....	1	Northern Illinois State Teachers	
Lynchburg College .....	3	College .....	1
Maine, University of .....	4	Northwestern University .....	6
Manhattan College .....	1	Norwich University .....	2
Marietta College .....	2	Notre Dame, University of .....	8
Marquette University .....	4	Oberlin College .....	2
Marshall College .....	7	Ohio State University .....	14
Mary Baldwin College .....	1	Ohio University .....	2
Mary Manse College .....	1	Ohio Wesleyan University .....	2
Maryland, University of .....	83	Oklahoma, University of .....	9
Marywood College .....	1	Oklahoma Agricultural and Me-	
Massachusetts, University of ....	1	chanical College .....	4
Massachusetts Institute of Tech-		Oregon, University of .....	3
nology .....	9	Otterbein College .....	1
Massachusetts State College .....	1	Oxford University, England .....	2
Memphis State College .....	2	Paris, University of .....	2
Miami, University of .....	3	Pees, University of .....	1
Miami University .....	6	Pennsylvania, University of .....	19
Michigan, University of .....	20	Pennsylvania State College .....	26
Michigan State College .....	6	Pennsylvania State Teachers Col-	
Middle Tennessee State Teachers		lege, Indiana .....	1
College .....	2	Pennsylvania State Teachers Col-	
Minnesota, University of .....	6	lege, Mansfield .....	7
Mississippi, University of .....	2	Phillips University .....	1
Mississippi State College .....	1	Pilsen, Realgymnasium .....	1
Missouri, University of .....	13	Pittsburgh, University of .....	14



Poznan, University of, Poland...	2	Stanford University .....	3
Presbyterian College .....	2	Stevens Institute of Technology..	4
Princeton University .....	8	Susquehanna University .....	1
Providence College .....	2	Swarthmore College .....	2
Puerto Rico, Polytechnic Institute of .....	1	Syracuse University .....	14
Puerto Rico, University of .....	2	Szeged, University of, Hungary..	1
Puget Sound, College of .....	1	Temple University .....	4
Purdue University .....	22	Tennessee, University of .....	6
Queens College .....	2	Tennessee Polytechnic Institute..	1
Radcliffe College .....	2	Texas, Agricultural and Mechani- cal College of .....	10
Randolph-Macon Woman's College	1	Texas, University of .....	4
Reed College .....	1	Texas Christian University .....	1
Rensselaer Polytechnic Institute..	17	Texas College of Mines .....	1
Regis College .....	1	Texas State College for Women..	1
Rhode Island College of Education	1	Thiel College .....	1
Rhode Island State College .....	4	Toledo, University of .....	1
Rice Institute .....	4	Transylvania College .....	3
Richmond, University of .....	5	Trinity College .....	15
Roanoke College .....	1	Tufts College .....	2
Rochester, University of .....	7	Tulane University .....	2
Rollins College .....	1	Tulsa, University of .....	4
Rome, University of, Italy .....	2	Union College .....	1
Roosevelt College .....	1	United States Coast Guard Acad- emy .....	10
Rose Polytechnic Institute .....	2	United States Merchant Marine Academy .....	3
Rutgers University .....	6	United States Military Academy	7
St. Ambrose College .....	1	United States Naval Academy..	14
St. Bonaventure College .....	1	Upsala College .....	1
St. Francis College .....	2	Utah, University of .....	2
St. John's College .....	1	Utah State Agricultural College..	1
St. John's University, N. Y. ....	1	Valparaiso University .....	1
St. John's University, China ....	1	Vanderbilt University .....	2
St. Joseph's College .....	3	Vassar College .....	2
St. Lawrence University .....	1	Vermont, University of .....	2
St. Martin's College .....	2	Vienna, University of .....	1
St. Paul College of Law .....	1	Villanova College .....	23
St. Teresa, College of .....	1	Virginia, University of .....	3
St. Vincent's College .....	2	Virginia Military Institute .....	9
Salem College .....	1	Virginia Polytechnic Institute ..	1
Sandiego State College .....	1	Virginia State Teachers College..	1
Scranton, University of .....	11	Farmville .....	1
Seton Hall College .....	2	Vytautas, The Great, University of, Lithuania .....	1
Shepherd College .....	1	Wake Forest College .....	1
Shorter College .....	1	Washburn Municipal University of Topeka .....	3
Simmons College .....	2	Washington, State College of ..	7
Smith College .....	1	Washington, University of .....	3
South Carolina, University of ...	10	Washington and Lee University..	1
South Dakota State Teachers Col- lege .....	1	Washington College .....	4
South Dakota, University of .....	4	Washington University .....	3
Southeastern Louisiana College ..	1	Wayne University .....	3
Southern California, University of	1	Waynesburg College .....	1
Southern Methodist University ..	4		
Southwest Missouri State College	1		
Southwestern University .....	1		

Webb Institute of Naval Architecture		Winthrop College	1
Wellesley College	2	Wisconsin, University of	13
Wesleyan University	1	Wisconsin State Teachers College, Eau Claire	1
West Virginia University	1	Wisconsin State Teachers College, La Crosse	1
Western Kentucky State Teachers College	13	Wisconsin State Teachers College, Whitewater	1
Western Maryland College	1	Wittenberg College	1
Western Reserve University	3	Wooster, College of	2
Western State College of Colorado	2	Worcester Polytechnic Institute	5
Westminster College	1	Xavier University	1
Wheaton College, Ill.	1	Yale University	15
Whitman College	2	Yankton College	1
Wichita, Municipal University of	1	Youngstown College	1
Wilkes College	3		
Willamette University	5		
William and Mary, College of	1		
William Jewell College	2		
Wilson College	1		
		Number of college graduates	1,561
		Number of colleges represented	348

## SUMMARY OF REGISTRATION

### FALL TERM 1950-51

	Men	Women	Total
First year	532	42	574
Second year	381	24	405
Third year	322	14	336
Candidates for the degree of Master of Laws	73	1	74
Candidates for the degree of Master of Comparative Law	8		8
Candidates for the degree of Doctor of Juridical Science	14	2	16
Unclassified	23	1	24
Total	1,353	84	1,437





## INDEX

- Academic status of the University, 5-6
- Administration, officers of, 4
- Admission, 21-22
- Advanced standing, 21-22
- Attendance, 26
- Bachelor of Laws, degree of, 21, 28, 31
- Calendar of the School, 1951-52, vi
- Classification of students, 29
- Committees of the Faculty, 16-17
- Course numbers, explanation of, 37
- Courses of instruction, 35-43
- Dean's Council, 16
- Degrees, 31-33
  - Conferred, 1950-51, 44-48
  - In the graduate course, 32-33
  - In the professional course, 31-32
- Doctor of Juridical Science, degree of, 22, 28, 32-33
- Emeritus professors, 9-10
- Employment, student, 30
- Examinations, 27
- Exclusion and probation for poor scholarship, 28-29
- Faculty, 9-16
- Fees and financial regulations, 23-25
- Foreign Lawyers:
  - Courses of study for, 20
  - Master of comparative Law degree requirements, 22, 32
- Geographical distribution of students, 81
- Grades, 27-28
- Graduates of colleges registered in the School, 81-85
- Graduation requirements, 27
- Health Administration, 30-31
- History of the University, 5-6
- Honors, 32
- Hours of instruction, 26, 37
- Juris Doctor, degree of, 21-22, 31-32
- Law Review*, 19
- Library, 19
- Living accommodations, 29-30
- Loan funds, 25-26
- Master of Comparative Law, degrees of, 22, 28, 32
- Master of Laws, degree of, 22, 28, 32
- Order of the Coif, 20
- Placement Office, 30, 31
- Prizes, 25
- Practice, training in, 20
- Public Law, research training in, 19
- Refund of tuition, 24
- Registration, 23
- Registrations in the School, summaries of, 81-85
- Regulations, 26-29
- Residence halls, 29-30
- Residence requirements, 26-27, 31-32, 32
- Right to change rules, 29
- Right to drop students, 29
- Scholarship, 21-22, 28-29, 31, 32
- Scholarships, 25
- Student:
  - Bar Association, 20
  - Employment, 30
  - Life, 29-31
- Students registered, 1950-51, 49-80
- Summaries of registration, 81-85
- Trial Practice Court, 20
- Trustees, Board of, 3
- Unclassified students, 22
- University:
  - Academic status, 5-6
  - Colleges, Schools, and Divisions, 5
  - History, 5
  - Location, 6, 17-18
- Withdrawals and refunds, 24-25



THE SCHOOL OF EDUCATION

1951-52





THE  
GEORGE  
WASHINGTON  
UNIVERSITY  
BULLETIN

---

VOL. L

No. 3

---

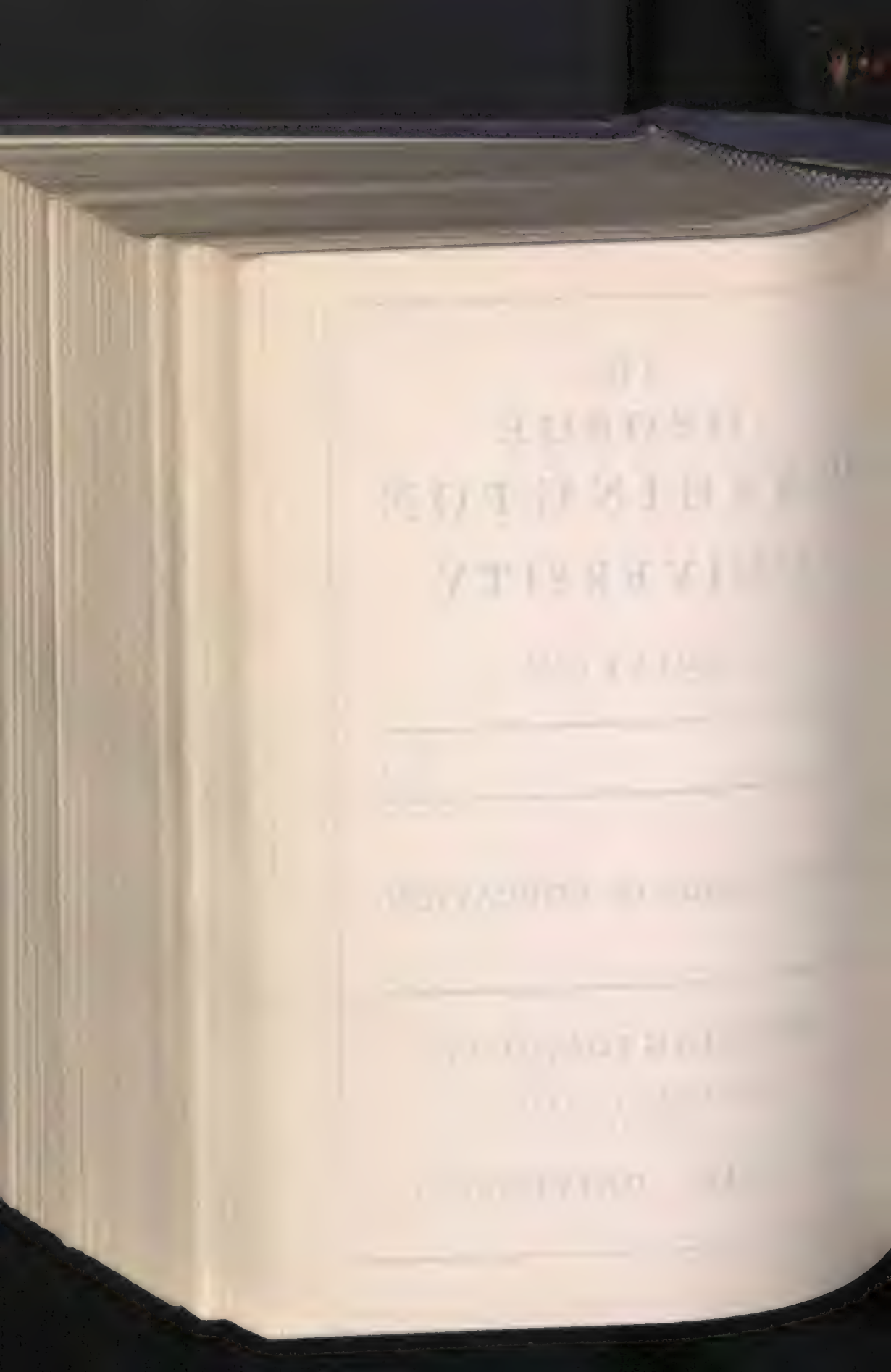
THE SCHOOL OF EDUCATION

---

WASHINGTON, D. C.

PUBLISHED IN MARCH  
MCMLI

BY THE UNIVERSITY





## CONTENTS

CALENDAR OF THE SCHOOL OF EDUCATION.....	vii
THE BOARD OF TRUSTEES OF THE UNIVERSITY.....	1
OFFICERS OF ADMINISTRATION OF THE UNIVERSITY.....	2
THE SCHOOL OF EDUCATION.....	3
Faculty and Staff of Instruction.....	3
General Information .....	6
The Education of Teachers.....	8
Programs Leading to the Degree of Bachelor of Science in Physical Education .....	8
Programs Leading to the Degree of Bachelor of Arts in Education....	12
Five-year Programs Leading to the Degrees of Bachelor of Arts and Master of Arts in Education.....	23
Programs Leading to the Degree of Master of Arts in Education.....	24
Program Leading to the Degree of Doctor of Education.....	28
Reading Clinic .....	29
Regulations .....	31
Registration .....	31
Fees and Financial Regulations.....	34
Courses of Instruction.....	37
Departments of Physical Education.....	46
Schedule of Evening and Saturday Classes.....	49



CALENDAR

1951-52





# CALENDAR OF THE SCHOOL OF EDUCATION

## 1951-52

Date	Day	Occasion
1951		
<b>FALL TERM:</b> Sept. 26-28.	Wednesday through Friday	Registration
Oct. 1.....	Monday	Academic year begins
Oct. 14.....	Friday	Thesis subjects of February Master's candidates due
Oct. 15.....	Saturday	Applications for Doctoral and Master's October comprehensive examinations due
Oct. 19.....	Friday	Dissertation subjects of May Doctoral candidates due
Oct. 20.....	Saturday	Comprehensive examinations for Doctoral and Master's candidates
Nov. 2.....	Friday	Bachelor of Arts activities plans due
Nov. 12.....	Monday	Fall Convocation. Holiday
Nov. 22-24.	Thursday through Saturday	Thanksgiving recess
Dec. 8.....	Saturday	Applications for Doctoral and Master's January comprehensive examinations due
Dec. 22- Jan. 2.....	Saturday through Wednesday	Christmas recess
1952		
Jan. 3.....	Thursday	Classes resume
Jan. 4.....	Friday	Last day for applications for degrees to be conferred in February
Jan. 5.....	Saturday	Dissertations of February Doctoral candidates due
Jan. 7.....	Monday	Comprehensive examinations for Doctoral and Master's candidates
Jan. 19.....	Saturday	Theses of February Master's candidates due
Jan. 21-29..	Monday through Tuesday	Last day of classes for the fall term
<b>SPRING TERM:</b> Jan. 31 and Feb. 1.....	Thursday and Friday..	Fall examination period
Feb. 4.....	Monday	Registration
Feb. 15.....	Friday	Classes resume for the spring term
Feb. 22.....	Friday	Thesis subjects for May Master's candidates due
		Spring Convocation. Holiday

## CALENDAR OF THE SCHOOL OF EDUCATION—Continued

Date	Day	Occasion
Feb. 23.....	Saturday .....	Activities plans due from Bachelor of Arts candidates entering the School of Education in February
March 8....	Saturday .....	Applications for Doctoral and Master's April comprehensive examinations due
March 15...	Saturday .....	Dissertation subjects of November Doctoral candidates due
April 11 and 12...	Friday and Saturday..	Easter recess
April 14....	Monday .....	Dissertations of May Doctoral candidates due
		Dissertation subjects of February Doctoral candidates due
April 19....	Saturday .....	Applications for May graduation due
May 2....	Friday .....	Comprehensive examinations for Doctoral and Master's candidates
May 13....	Tuesday .....	Theses of May Master's candidates due
May 14-22..	Wednesday through Thursday .....	Last day of classes for the spring term
May 25....	Sunday .....	Spring term examination period
May 28....	Wednesday .....	Baccalaureate Sermon
		Commencement
<b>SUMMER TERM:</b>		
June 2....	Monday .....	Registration
June 3....	Tuesday .....	Classes begin for the first eight-week session
June 9....	Monday .....	Registration and the first day of classes of the pre-session
June 27....	Friday .....	Pre-session ends
June 30....	Monday .....	Registration and first day of classes of six-week session
July 9.....	Wednesday .....	Applications for Doctoral and Master's July comprehensive examinations due
July 23....	Wednesday .....	Comprehensive examinations for Doctoral and Master's candidates
July 28....	Monday .....	First eight-week summer session ends
July 29....	Tuesday .....	Registration for the second session of the summer term
July 30....	Wednesday .....	Classes begin for the second eight-week session
Aug. 8....	Friday .....	Six-week session ends



CALENDAR OF THE SCHOOL OF EDUCATION—Continued

Date	Day	Occasion
Aug. 11....	Monday .....	Registration and first day of classes of the post-session
Aug. 29....	Friday .....	Post-session ends
Sept. 1....	Monday .....	Labor Day, Holiday
Sept. 19....	Friday .....	Second eight-week summer session ends
		Theses of November Master's candidates due
		Dissertations of November Doctoral candidates due
Sept. 24-26.	Wednesday through Friday .....	Registration for the fall term of the academic year 1952-53



## THE BOARD OF TRUSTEES

### THE UNIVERSITY

The Board of Trustees of the University is composed of the President and Vice-President of the University *ex officio* and the following persons by election:

Robert Vedder Fleming, LL.D., *Chairman*  
Henry Parsons Erwin, A.B., *Secretary*  
Newell Windom Ellison, A.B., LL.B., *Assistant Secretary*

Clarence Aiken Aspinwall  
Lyman James Briggs, Ph.D., Sc.D., D.Eng., LL.D.  
John St. Clair Brookes, Jr., A.M., LL.B.  
Mrs. Wilbur John Carr  
Homer Cummings, Ph.B., LL.B., LL.D., L.H.D.  
\*Watson Davis, B.S. in C.E., C.E.  
Mrs. Joshua Evans, Jr., A.B., Ed.D.  
\*Robert Elliott Freer, A.B., LL.M.  
Charles Carroll Glover, Jr., A.M., LL.B.  
Ulysses S. Grant, 3d, B.S., Graduate United States Engineers School  
Gilbert Grosvenor, A.M., LL.D., Litt.D.  
\*Brooks Hays, A.B., LL.B., LL.D.  
John Edgar Hoover, LL.M., LL.D.  
Frank Atherton Howard, B.S. in M.E., LL.B.  
Robert Houghwout Jackson, LL.B., LL.D.  
Alfred Henry Lawson, LL.B.  
John Keown McKee  
Benjamin Mosby McKelway  
\*Miss Helen Newman, LL.M.  
\*Claude Worthington Owen, LL.M.  
Walter Rupert Tuckerman, A.B., LL.B.  
James Edwin Webb, A.B.  
Alexander Wetmore, Ph.D., Sc.D.  
\*Charles Stanley White, M.D., Sc.D.  
Lloyd Bennett Wilson

\* Nominated by the alumni.



## OFFICERS OF ADMINISTRATION

### THE UNIVERSITY

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University*  
Harold Griffith Sutton, M.S., *Director of Admissions*  
Fred Everett Nessell, A.B., *Registrar; Secretary of the Faculties*  
John Russell Mason, B.S. in L.S., A.M., *Librarian; Curator of Art*  
Myrna Pauline Sedgwick, A.B., *Administrative Secretary*  
Henry William Herzog, B.S., *Comptroller*  
Donald David Blanchard, B.C.E., *Business Manager*  
Claud Max Farrington, A.M., *Director of Activities for Men*  
Virginia Randolph Kirkbride, A.M., *Director of Activities for Women*  
Alan Thomas Deibert, A.M., *Adviser to Students from Foreign Coun-  
tries*  
Burnice Herman Jarman, A.M., Ed.D., *Director of the Summer Sessions*  
Daniel LeRay Borden, A.M., M.D., *Director of Health Administration*  
John Rust Busick, A.B., *Director of Public Relations*  
Don Carlos Faith, A.M., *Director of Veterans Education*  
Benjamin Douglass Van Evera, Ph.D., *Coordinator of Scientific Activ-  
ities*

## THE SCHOOL OF EDUCATION

### THE FACULTY AND STAFF OF INSTRUCTION •

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University*  
James Harold Fox, A.M., Ed.D., *Dean of the School of Education*

---

Henry Grattan Doyle, A.M., LL.D., Litt.D., *Professor of Romance Languages*  
Ruth Harriet Atwell, A.M., *Professor of Physical Education for Women*  
Frank Mark Weida, Ph.D., *Professor of Statistics*  
Mitchell Dreese, Ph.D., *Professor of Educational Psychology*  
James Harold Fox, A.M., Ed.D., *Professor of Education*  
Thelma Hunt, Ph.D., M.D., *Professor of Psychology*  
Frances Kirkpatrick, A.M., *Professor of Home Economics*  
William Henry Myers, A.M., *Professor of Physical Education for Men*  
Burnice Herman Jarman, A.M., Ed.D., *Professor of Education*  
Chester Elwood Leese, Ph.D., *Professor of Physiology*  
Meredithe Chester Wilson, B.S., *Adjunct Professor of Education*  
†Ruth Coyner Little, Ph.D., *Professorial Lecturer in Education*  
†Ray LaForest Hamon, Ph.D., *Professorial Lecturer in Education*  
Charles Edward Bish, A.M., Ed.D., *Professorial Lecturer in Education*  
Cecil Wentworth Morgan, Ph.D., *Professorial Lecturer in Physical Education*  
Bernath Eugene Phillips, Ph.D., *Professorial Lecturer in Physical Education*  
†William Ashby Early, A.M., *Professorial Lecturer in Education*  
†Errett Glenn Featherston, A.M., Ed.D., *Professorial Lecturer in Education*  
†Holger Frederick Kilander, Ph.D., *Professorial Lecturer in Physical Education for Men*  
†Cyrus Haymond Maxwell, M.D., *Professorial Lecturer in Physical Education for Men*  
Helen Bennett Lawrence, A.M., *Associate Professor of Physical Education for Women*  
Kathryn Mildred Towne, A.M., *Associate Professor of Home Economics*

• The President of the University, the Dean of the School, the Registrar of the University, the Director of Admissions of the University, Professors, Adjunct Professors, Associate Professors, Assistant Professors, and Instructors constitute the Faculty.  
† On leave of absence 1901-02.

Joseph Henry Krupa, M.S., *Associate Professor of Physical Education for Men*

Elizabeth Burtner, A.M., *Associate Professor of Physical Education for Women*

Blake Smith Root, A.M., Ed.D., *Associate Professor of Education*

Ralph Windsor Ruffner, A.M., Ed.D., *Associate Professor of Education*

Lewie Woodrow Burnett, A.B., Ed.D., *Associate Professor of Education*

Raymond George Hanken, B.S. in P.E., *Assistant Professor of Physical Education for Men*

Marjorie Tate, A.M., *Assistant Professor of Physical Education for Women*

Vincent James DeAngelis, B.S. in P.E., A.M. in Ed., *Assistant Professor of Physical Education for Men*

Jane Frost Hilder, A.M., *Lecturer in Education*

Madaline Kinter Remmlein, Ph.D., J.D., *Lecturer in Education*

LuVerne Crabtree Walker, A.M., *Lecturer in Education*

\*Helen Barton Goodwin, A.M., *Lecturer in Education*

Florence Mary Lumsden, A.M., Ed.D., *Lecturer in Education*

William Samuel Rumbough, A.M., Ed.D., *Lecturer in Education*

Cannon Chiles Hearne, A.M., *Lecturer in Education*

John Frederick Brougher, A.M., Ed.D., *Lecturer in Education*

James Herrick Hall, A.M., Ed.D., *Lecturer in Education*

Howard Odin Johnson, A.M., Ed.D., *Lecturer in Education*

Frederick Anderson Indorf, A.M., *Lecturer in Education*

Arne William Randall, A.M., *Lecturer in Education*

Raymond Ray Reed, A.M., *Lecturer in Education*

Joseph Bueol Johnson, A.M., Ed.D., *Lecturer in Education*

Roberta Shewmaker Barnes, A.M., *Lecturer in Education*

Mary Ellen Coleman, A.M., *Lecturer in Education*

#### CONSULTANTS IN RESEARCH

Wesley Earl Armstrong, M.S., Ed.D., *Chief for Teacher Education, U. S. Office of Education*

John Robert Ludington, Ph.D., *Specialist of Industrial Arts, U. S. Office of Education*

#### FIELD SERVICE COORDINATORS

William Wallace Rich, A.M., *Supervisor of Secondary Schools, Arlington County, Virginia*

Helen King Finlay, A.M., *Assistant Principal, Washington-Lee High School, Arlington, Virginia*

\* On leave of absence 1951-52.



COMMITTEES •

THE DEAN'S COUNCIL ‡

1952

Frank Mark Weida  
Elizabeth Burtner

1953

Joseph Henry Krupa  
Blake Smith Root

1954

Raymond George Hanken  
Ralph Windsor Ruffner

COMMITTEE ON ADMISSION AND ADVANCED STANDING

The Dean of the School, *Chairman*

Harold Griffith Sutton  
Frances Kirkpatrick  
William Henry Myers

Frank Mark Weida  
Burnice Herman Jarman  
Ruth Harriet Atwell

COMMITTEE ON SCHOLARSHIP

Blake Smith Root, *Chairman*

William Henry Myers

Helen Bennett Lawrence

Kathryn Mildred Towne

\* The President of the University and the Dean of the School of Education are members ex officio of all committees.  
‡ Elected by the Faculty.

## GENERAL INFORMATION

### INTRODUCTORY

It is the purpose of the School of Education to prepare teachers, supervisors, and administrators for the higher ranges of educational service and to offer opportunities to teachers of experience to extend their education. The School includes the departments of Education, Physical Education, and Home Economics.\* It offers both graduate and undergraduate work. Other departments of the University provide general education and subject-matter courses needed for a well-balanced program of teacher education.

The schedule of courses is arranged to meet the convenience of both full-time and part-time students. By attending evening, Saturday, and summer classes, teachers in the schools of Washington and the vicinity may complete all the requirements for a degree without giving up their positions.

### HISTORICAL DEVELOPMENT

The University began offering professional courses for teachers in 1904-5 and in 1907 it established a Division of Education. In 1909, the Division of Education became the Teachers College which, in its early years, was concerned largely with teacher preparation on the undergraduate level.

In 1928, the Teachers College became the School of Education and greater provision was made for advanced study. Since that time the graduate enrollment has steadily increased with the result that today the School has a considerably larger number of graduate than undergraduate students.

### ADVANTAGES OF STUDY IN THE NATION'S CAPITAL

Washington is rich in the resources needed by teachers to supplement classroom instruction. In addition to the library facilities of the University, the Library of Congress, the Library of the Office of Education, and many special collections provide unexcelled opportunities for reading and research. The operation of all branches of the National Government may be observed. Among the art galleries are the National Gallery of Art, the Corcoran Gallery of Art, the Freer Art Gallery, Phillips Memorial Gallery, and the National Museum. The winter concerts and the summer Watergate series of the National Symphony Orchestra delight lovers of good music. Those interested in science find

\* The Department of Home Economics offers a curriculum in home-making. Its program is described in a special announcement.

many resources for study at the National Museum, the National Zoological Park, the United States Botanic Garden, and the Aquarium of the Fish and Wildlife Service, Department of the Interior. Teachers have unique opportunities to become acquainted with the work of the Office of Education, the National Education Association, the American Council on Education, and many other national organizations with headquarters in Washington.

#### ACADEMIC STATUS

The George Washington University is on the final approved list of the Association of American Universities. This fact not only assures to students the academic standards of this association, but also is important to those who desire to transfer credits from one institution to another.

The University is also accredited by its regional accrediting agency the Middle States Association of Colleges and Secondary Schools, and is on the approved list of the American Association of University Women.

The School of Education is a member of the American Association of Colleges for Teacher Education and was a charter member of the National Association of Colleges and Departments of Education prior to the merger of that association with others to form the American Association of Colleges for Teacher Education.



# THE EDUCATION OF TEACHERS

## PROGRAMS LEADING TO THE DEGREE OF BACHELOR OF SCIENCE IN PHYSICAL EDUCATION

### BACHELOR OF SCIENCE IN PHYSICAL EDUCATION FOR MEN

There are three curricula leading to this degree. The Single-Major and Subject-Certification Teacher's Course is designed to prepare students for teaching positions in smaller schools where it is necessary to teach an academic subject in addition to physical education. The Single-Major Teacher's Course prepares for the teaching of physical education in the larger schools. The Physical Education and Recreation Course has been planned for those who wish to be prepared to direct programs of recreation in addition to the teaching of physical education.

The following courses, to be taken in the Junior College, are required for admission to the School of Education:

	Credit Hours
English .....	English 1-2 .....
Social Studies .....	History 39-40, 71-72, Political Science 9-10, or Sociology 1-2 (Freshman year)..... 6
	Economics, History, or Political Science (Sophomore year) .....
Science .....	Biology 1-2 or Zoology 1-2 (Freshman year)..... 6 or 8
Physical Education ..	(To meet degree requirements)
Curriculum Electives.	Physical Education 43-44, 47; Speech I or II (Freshman year) .....
	Physical Education 45-46, 49, 50, 58; Psychology I, 22 (Sophomore year)..... 9
Elective .....	..... 9
Total.....	60 or 62

The minimum requirements for this degree are 66 credit hours, distributed as follows:

#### Single-Major and Subject-Certification Teacher's Course

The minimum requirements for this degree are twenty-one credit hours in education, twenty-three credit hours in physical education, nineteen credit hours in an academic teaching field, and three credit hours in physiology, distributed as follows:

JUNIOR YEAR		Credit Hours	SENIOR YEAR		Credit Hours
Learning and Teaching.....	6		Common Teaching Skills.....	3	
Society and the School.....	6		Observation and Practice Teaching.....	6	
Corrective Physical Education and Physical Examinations.....	3		History and Principles of Physical Education.....	3	
Methods and Practice in Teaching Physical Education Activities..	4		Methods of Teaching Physical Education Activities for Secondary Schools II.....	4	
Methods and Materials of Health Education.....	3		Tests and Measurements in Physical Education.....	3	
Physiology.....	3		Organization and Administration of Physical Education.....	3	
Academic teaching field.....	8		Academic Teaching field.....	11	
Total.....	33		Total.....	33	

#### Single-Major Teacher's Course

The minimum requirements for this degree are twenty-one credit hours in education, thirty credit hours in physical education, three credit hours in physiology, and twelve credit hours of electives:

JUNIOR YEAR		Credit Hours	SENIOR YEAR		Credit Hours
Learning and Teaching.....	6		Common Teaching Skills.....	3	
Society and the School.....	6		Observation and Practice Teaching.....	6	
Leadership Organization in the Intramural Program.....	4		History and Principles of Physical Education.....	3	
Methods and Practice in Teaching Physical Education Activities..	4		Corrective Physical Education and Physical Examinations...	3	
Methods of Teaching Physical Education Activities for Secondary Schools II.....	4		Tests and Measurements in Physical Education.....	3	
School and Community Health Programs.....	3		Organization and Administration of Physical Education.....	3	
Methods and Materials of Health Education.....	3		Elective.....	12	
Physiology.....	3		Total.....	33	
Total.....	33				

## Physical Education and Recreation Course

The minimum requirements for this course are 66 credit hours, distributed as follows:

JUNIOR YEAR		Credit Hours	SENIOR YEAR		Credit Hours
Learning and Teaching .....	3		Common Teaching Skills .....	3	
Society and the School .....	6		Observation and Practice Teaching .....	6	
Introduction to Recreation .....	2		History and Principles of Physical Education .....	3	
Leadership Organization in the Intramural Program .....	4		Methods and Materials of Health Education .....	3	
Methods and Practice in Teaching Physical Education Activities..	4		Tests and Measurements in Physical Education .....	3	
Camp Leadership .....	1		Organization and Administration of Physical Education .....	3	
Group Leadership Activities I ..	6		Group Leadership Activities II..	6	
Electives .....	7		Community Organization for Recreation .....	3	
Total.....	33		Administration and Supervision of Recreation .....	3	
			Total.....	33	

## BACHELOR OF SCIENCE IN PHYSICAL EDUCATION FOR WOMEN

There are three curricula leading to the degree. The Dual-Major Teacher's Course is designed to prepare students for positions in smaller schools where it is necessary to teach an academic subject in addition to Physical Education.

The Single-Major Teacher's Course prepares for the teaching of Physical Education in the larger schools. Within this course there is opportunity for specialization in dance, sports, or correctives.

The Physical Education and Recreation Course has been planned for those who wish to be prepared to direct programs of recreation in addition to teaching Physical Education.

For graduate courses in these areas see Programs of Study for the Degree of Master of Arts in Education, pages 25-27.

The following courses, to be taken in the Junior College, are required for admission to the School of Education:

	Credit Hours
English .....	6
English 1-2 .....	6
English 51-52, 71-72, or 91-92 .....	6
Social Studies .....	6 or 8
History 39-40, 71-72; Political Science 9-10; or Sociology 1-2 .....	6 or 8
Science .....	4
Biology 1-2 or Zoology 1-2 .....	4
Physical Education .. (To meet degree requirements)	16
Curriculum Electives. Physical Education 43-44 (Freshman year) ..	16
Physical Education 45-46, 49, 50; Psychology 1, 22 (Sophomore year) ..	6 or 8
Academic Electives.. (Each year) .....	60 or 62
Total.....	60 or 62



Dual- or Single-Major Teacher's Course

The student desiring to prepare herself to teach another subject in addition to Physical Education for Women may do so by choosing her elective hours from one subject-matter field with the advice of the Dean of the School of Education. Relevant work completed in the Junior College may be counted in this subject-matter field.

JUNIOR YEAR	Credit Hours	SENIOR YEAR	Credit Hours
Learning and Teaching .....	6	Society and the School .....	6
Physical Education in the Elementary School .....	4	Observation and Practice Teaching .....	6
First Aid and Care of Athletic Injuries .....	2	History and Principles of Physical Education .....	3
Corrective Physical Education and Physical Examinations .....	6	Methods and Practice in Teaching Physical Education Activities ..	4
Methods of Teaching Physical Education Activities for Secondary Schools II .....	4	Tests and Measurements in Physical Education .....	3
School and Community Health Programs .....	3	Organization and Administration of Physical Education .....	3
Methods and Materials of Health Education .....	3	Academic teaching field or elective .....	9
Camp Leadership .....	1		
Physiology .....	3		
Total .....	32	Total .....	34

Physical Education and Recreation Course

JUNIOR YEAR	Credit Hours	SENIOR YEAR	Credit Hours
Society and the School .....	6	Observation and Practice Teaching .....	6
Introduction to Recreation .....	2	History and Principles of Physical Education .....	3
Physical Education in the Elementary School .....	4	Methods and Practice in Teaching Physical Education Activities ..	4
First Aid and Care of Athletic Injuries .....	2	Organization and Administration of Physical Education .....	3
Corrective Physical Education and Physical Examinations ..	6	Group Leadership Activities II ..	6
Leadership Organization in the Intramural Program .....	4	Community Organization for Recreation .....	3
Methods of Teaching Physical Education Activities for Secondary Schools II .....	4	Administration and Supervision of Recreation .....	3
Camp Leadership .....	1	Elective .....	5
Group Leadership Activities I ..	6		
Total .....	35	Total .....	33

PROGRAMS LEADING TO THE DEGREE OF BACHELOR OF ARTS  
IN EDUCATION

Programs leading to the degree of Bachelor of Arts in Education have three main objectives: (1) provision of a general educational background, (2) a functional command of ideas, concepts, knowledges, and skills in one or more teaching fields, and (3) a mastery of basic professional information and skills adequate for a beginning teacher. Since the contents of teaching fields differ in scope and complexity, some programs are longer than others in terms of credit hours. None requires less than 126 credit hours of satisfactory work, exclusive of required Physical Education. Normally, 60 credit hours of the total requirement is completed in the Junior College of the University or in an equivalent institution elsewhere.

GENERAL EDUCATION

The general educational backgrounds needed by prospective teachers are obtained through: (1) pre-college education, (2) college courses, (3) work experience, (4) leadership activities, (5) participation in student campus activities, and (6) utilization of off-campus cultural opportunities.

*College course requirements.*—Course requirements depend in part upon the senior high school credits presented for college admission. They are as follows:

ENGLISH

- English 1-2: Freshman English .....  
Special placement examinations, required of all entering freshmen, are conducted by the English Department. Those students who show marked superiority may be exempted from one or both terms of the course.
- One of the following survey courses in literature.....
- English 51-52: Introduction to English Literature
- English 71-72: Introduction to American Literature
- English 91-92: Introduction to European Literature

Credit  
Hours  
6

6

FOREIGN LANGUAGES

French, German, Latin, or Spanish.....  
A student offering for admission four acceptable high school units of a single foreign language, or the equivalent, is not required to take any foreign language. If he offers three units, he must complete the second term of the second-year college course in the same language. If he offers two units, he must complete the entire second-year college course in the same language. If he offers one unit, he must complete the second term of the first-year college course and the entire second-year course in the same language.

12

## SOCIAL STUDIES

History 71-72: The Development of the Civilization of the United States .....	6
Another Social Science chosen from the following courses.....	6
Economics 1-2: Introductory Economics	
Geography 51, 52: Introduction to Geography; Introduction to Earth Sciences	
History 39-40: The Development of European Civilization	
Political Science 9-10: Government of the United States	
Sociology 1-2: Introductory Sociology	
A student offering for admission two or more acceptable senior high school units in the Social Studies may be exempted from the second part of this requirement.	

## SCIENCE AND MATHEMATICS

Two terms of science or mathematics to supplement senior high school courses in these fields and chosen from the following.....	6-8
Biology 1-2: Survey in Biology	
Botany 1-2: Structure and Functions of the Flowering Plant; Survey of the Plant Kingdom	
Chemistry 3-4: Survey of Physical Sciences	
Chemistry 11-12: General Chemistry	
Mathematics 3 and 6: College Algebra; Plane Trigonometry	
Mathematics 6 and 12: Plane Trigonometry; Analytic Geometry	
Physics 5 and 6, or 6 and 7: General Physics	
Zoology 1-2: Introduction to Zoology	

## OTHER COURSES

Psychology 1: General Psychology .....	3
Psychology 22: Educational Psychology or	
Psychology 29: Child Psychology .....	3
Speech 1: Effective Speaking or	
Speech 11: Training of the Speaking Voice.....	3
Students who demonstrate marked superiority in Speech may be exempted from this requirement. Such exemption is granted only on the recommendation of the Department of Speech.	
Statistics 53: Introduction to Statistics in Psychology and Education	3

## ACADEMIC ELECTIVES

Electives may be increased through the various exemptions

## PHYSICAL EDUCATION

Physical Education 1-2 and 11-12

A student may be exempted from this requirement if registered for less than three courses or regularly employed during the day.

Minimum required credits.....60 or 62

*Work experience, leadership activities, participation in student campus activities, and the utilization of off-campus cultural opportunities.—* Obviously, these cannot be prescribed. Nevertheless, they constitute an important part of the general educational background of prospective

\* Required for those preparing for elementary school teaching.



teachers. In conference with a staff member of the Department of Education assigned as his general adviser, the student is expected to plan adequate experiences in these areas. Not later than one month after matriculation in the School of Education the student must file in the Office of the Dean a statement of such plans approved by his adviser. He must also keep his adviser informed concerning the fulfillment of his plans and to this end include in plans filed, scheduled conferences with his adviser.

Success of the student in enriching his general educational background by these means will be taken into consideration at the end of the first term of the junior year when the faculty will review the qualifications of candidates to determine any who are not of sufficient promise as prospective teachers to warrant continuation of their candidacies. Success in these activities will also be considered when the list of candidates is again reviewed early in the last term of the senior year immediately after the results of the National Teacher Examinations are available. In estimating the success of the student in this connection, more weight will be given to evidence of initiative, eagerness to make the most of each experience, balance, and quality of experience than to the number of different experiences.

Although the student is not required to establish a program of non-academic activities until he becomes a degree candidate in the School of Education, he is advised to do so as soon as he enters the Junior College. To this end, he should consult with the Junior College adviser of students in the pre-Education curriculum soon after entering the Junior College. Whatever is accomplished in this connection while in the Junior College will reduce the obligations of the student after admission to the School of Education.

#### TEACHING-FIELD PREPARATION

Teaching-field preparation depends upon the kind of teaching position for which the student is preparing. Those planning to teach in elementary schools need a degree of competency in several fields. Those preparing to teach in junior or senior high schools must demonstrate competency in a major teaching field and a minor teaching field. Ordinarily, students preparing to teach in evening schools for adults are required to prove competency in only one teaching field.

The student should begin teaching-field preparation while in the Junior College and should make provision for it in planning his program of studies.

Teaching-field requirements include satisfactory completion of prescribed academic courses, a satisfactory score on the special field examination of the National Teacher Examinations, and satisfactory completion of the prescribed special methods course.

Prescribed academic courses vary in number in accordance with the scope and complexity of the teaching field and the license requirements of the various states. Minimum academic course requirements for each major teaching field are listed on succeeding pages. Minor teaching-field requirements are somewhat less than those of a major field. They are determined in conference with an adviser.

The prescribed course in special methods is concerned primarily with methods of initiating, guiding, and evaluating learning experiences dealing with the content of the teaching field. It attempts to bring to the student specific suggestions drawn from the accumulated experience of successful teachers. However, in addition, the course reviews the teaching-field content currently in use in schools and the examination at the end of the course provides the final test of competency in the teaching field.

### Prescribed Courses in the Various Teaching Fields

ART		Credit Hours
One two-term course from the following group.....		6
Art 121-22: World History of Art		
Art 151-52: Modern Art		
Art 161-62: History of Art Criticism		
One two-term course from the following group.....		6
Art 101-2: The Design of the Home		
Art 141-42: Interior Decoration		
Art 143-44: Folk Arts of America		
Two two-term courses from the following group.....		24
Art 67-68: Life and Portrait—Drawing and Painting		
Art 73-74: Still Life and Portrait—Drawing and Painting; Antique Drawing		
Art 165-66: Life and Portrait—Drawing and Painting		
Art 175-76: Composition		
Art 179-80: Sculpture		
Art 183-84: Design and Commercial Art		
Education 141-42: Teaching Art.....		6
Total.....		42

BIOLOGY		
Biology 1-2: Survey in Biology.....		6
Botany 1: Structure and Functions of the Flowering Plant.....		3
Home Economics 152: Nutrition.....		3
Physiology 115: Physiology.....		3
Zoology 1-2: Introduction to Zoology.....		8
Additional courses as approved by the Adviser.....		12
Education 144: Teaching Science.....		3
Total.....		38

## BUSINESS EDUCATION

Accounting 1: Introductory Accounting.....	3
Economics 1-2: Introductory Economics.....	6
Secretarial Studies 51: Business Correspondence.....	3
Additional courses as prescribed in <i>one</i> of the following groups:	
Group 1—Secretarial Studies	
Secretarial Studies 2: Intermediate Typewriting .....	3
Secretarial Studies 12: Intermediate Shorthand and Transcription .....	3
Secretarial Studies 15: Advanced Shorthand, Typewriting, and Transcription .....	3
Secretarial Studies 16: Secretarial Shorthand, Typewriting, and Transcription .....	3
Secretarial Studies 54: Secretarial Practice .....	6
Additional courses from the following as approved by the Adviser	
Accounting 2: Introductory Accounting .....	
Business Administration 101: Business Organization and Combination .....	
Business Administration 109: Office Management .....	
Business Administration 141: Principles of Marketing .....	
Business Administration 151: Retailing .....	
Economics 121: Money and Banking .....	
Political Science 127: Commercial Law .....	
Statistics 52: Mathematics of Finance .....	3
Education 150: Teaching Business Subjects.....	35
Total.....	
Group 2—Bookkeeping, Business Arithmetic, and Business Law	
Accounting 2: Introductory Accounting.....	3
Business Administration 101: Business Organization and Combination .....	3
Business Administration 102: Business Management.....	6
Political Science 127-28: Commercial Law.....	3
Statistics 52: Mathematics of Finance.....	6
Two of the following courses, as approved by the Adviser.....	
Accounting 137: Financial Statement Analysis .....	
Business Administration 121: General Insurance .....	
Business Administration 131: Business Finance .....	
Business Administration 138: Investment .....	
Economics 121: Money and Banking .....	3
Education 150: Teaching Business Subjects.....	38
Total.....	
Group 3—Distributive Education	
Business Administration 141: Principles of Marketing.....	3
Business Administration 142: Marketing Problems .....	3
Business Administration 145: Sales Management.....	3
Business Administration 151: Retailing .....	12
Four of the following courses, as approved by the Adviser.....	
Business Administration 146: Sales Management Problems .....	
Business Administration 147: Advertising .....	
Business Administration 150: Principles of Purchasing .....	



Business Administration 158: Traffic Management	
Business Administration 175: Introduction to Foreign Trade	
Business Administration 176: Exporting and Importing	
Education 150: Teaching Business Subjects.....	2
Total.....	16

CHEMISTRY

Chemistry 11-12: General Chemistry .....	8
Chemistry 21: Qualitative Inorganic Analysis.....	4
Chemistry 22: Quantitative Inorganic Analysis.....	4
Chemistry 151-52: Organic Chemistry .....	8
Chemistry 191: History of Chemistry.....	2
One of the following two-term courses.....	8-10
Chemistry 111-12: Physical Chemistry	
Biochemistry 221-22: Biochemistry	
Education 144: Teaching Science.....	3
Total.....	37-39

ELEMENTARY EDUCATION

Education 113: Elementary School Art.....	1
Education 114: Elementary School Music.....	3
Education 127: Children's Literature .....	3
Biology 1-2: Survey in Biology.....	6
Chemistry 3-4: Survey of Physical Sciences.....	8
Geography 51: Introduction to Geography.....	3
Geography 52: Introduction to Earth Sciences.....	3
Physical Education 51: Physical Education in the Elementary School	3
Political Science 9-10: Government of the United States.....	6
Total.....	38

ENGLISH

English 1-2: Freshman English .....	6
English 52: Introduction to English Literature.....	3
English 71-72: Introduction to American Literature.....	6
English 125: The Evolution of Modern Speech.....	3
English 135-36: Shakespeare .....	6
Speech 11: Training the Speaking Voice.....	3
Three of the following term courses with approval of Adviser.....	9
English 126: The Appreciation of Literature	
English 151-52: The Romantic Movement	
English 161-62: Victorian Literature	
English 165-66: The Twentieth Century	
English 171-72: Studies in American Literature	
English 173-74: Major American Poets	
English 176: American Drama	
English 177-78: American Fiction	
English 182: The English Novel	
English 199: Proseminar	
Education 136: Teaching English .....	3
Total.....	39

## FRENCH

French 1-2: First-year French .....	6
French 3-4: Second-year French .....	6
French 51-52: Survey of French Literature.....	6
French 109-10: French Conversation and Composition.....	12
Additional courses in French as approved by the Adviser.....	3
Education 146: Teaching Foreign Languages.....	
Total.....	39

## GEOGRAPHY

Geography 51: Introduction to Geography.....	3
Geography 52: Introduction to Earth Sciences.....	6
Geography 103-4: Cartography .....	3
Geography 113: Geomorphology .....	3
Geography 114: Weather and Climate.....	3
Geography 122: Political Geography .....	3
Geography 123: Economic Geography .....	6
Two of the following term courses.....	
Geography 181: Anglo-America	
Geography 182: Historical Geography of the United States	
Geography 183: Northwest Europe	
Geography 184: Mediterranean Region	
Geography 191: Middle America	
Geography 192: South America	
Geography 195: Eastern and Southern Asia	
Geography 196: Southwestern Asia and Soviet Union	6
Two of the following term courses.....	
Geography 131: Conservation of Natural Resources	
Geography 132: Land Use	
Geography 141: Geography of Settlement	
Geography 142: Urban Geography	3
Education 138: Teaching the Social Studies.....	
Total.....	39

## GERMAN

German 1-2: First-year German.....	6
German 3-4: Second-year German.....	6
German 115-16: Survey of German Literature.....	12
German 121-22: Conversation and Composition.....	3
Additional courses in German as approved by the Adviser.....	
Education 146: Teaching Foreign Languages.....	
Total.....	39

## HISTORY

History 39-40: The Development of European Civilization.....	6
History 71-72: The Development of the Civilization of the United States .....	6
Six credit hours, as approved by the Adviser, from each of the following groups .....	18

Group 1—American History	
History 171-72: Social History of the United States	
History 173: Representative Americans	
History 174: Economic History of the United States	
History 181-82: Diplomatic History of the United States	
Group 2—European History	
History 119: Thought and Culture of the Western World III; from the Reformation through the Age of Reason	
History 120: Thought and Culture of the Western World IV: Intellectual Aspects of the Modern Age	
History 130: Nationalism	
History 145-46: Russian History	
History 147: Economic History of Europe	
History 148: Oversea Expansion of Europe	
History 149-50: European Diplomatic History	
History 151-52: English History	
Group 3—Latin American History	
History 161-62: Latin American History	
History 163-64: Current Latin American Problems	
Additional credit hours, as approved by the Adviser from one of the foregoing groups	6
Education 138: Teaching the Social Studies	3
Total	39

## MATHEMATICS

Mathematics 3: College Algebra	3
Mathematics 6: Plane Trigonometry	3
Mathematics 12: Analytic Geometry	3
Mathematics 19: Differential Calculus	3
Mathematics 20: Integral Calculus	3
Mathematics 125: Advanced Algebra	3
Mathematics 132: Differential Equations, or	
Mathematics 139: Advanced Calculus	3
An additional course in Mathematics as approved by the Adviser	3
Statistics 52: Mathematics of Finance	3
Education 140: Teaching Mathematics	3
Total	30

## PHYSICS

Physics 5, 6, 7, and 8: General Physics	12
Physics 55: Physical Measurements	2
Physics 101: Mechanics	3
Physics 105: Principles of Electricity	3
Physics 106: Optics	3
Chemistry Elective—Chemistry 11-12: General Chemistry or	
Chemistry 12-21: General Chemistry and Qualitative Inorganic Analysis	8
Mathematics 12: Analytic Geometry	3
Mathematics 19: Differential Calculus	3
Mathematics 20: Integral Calculus	3
Six credit hours to be selected from the following	6
Physics 102: Heat and Thermodynamics	



Physics 113: Atomic Physics	3
Physics 114: Statistical Physics	
Physics 128: Sound	
Physics 132: Electronics	
Physics 155-56: Advanced Physical Measurements	
Education 144: Teaching Science.....	49
Total.....	

## SOCIAL STUDIES

History 39-40: The Development of European Civilization.....	6
History 71-72: The Development of the Civilization of the United States .....	6
Political Science 9-10: Government of the United States.....	12
Two of the following courses.....	
Economics 1-2: Introductory Economics	
Geography 51, 52: Introduction to Geography and Earth Sciences	
Sociology 1-2: Introductory Sociology	
Additional second-group courses as approved by the Adviser from one of the following fields: Economics, Geography, History, Political Science, Sociology .....	12
Education 138: Teaching Social Studies.....	45
Total.....	

## SPANISH

Spanish 1-2: First-year Spanish.....	6
Spanish 3-4: Second-year Spanish.....	6
Spanish 109-10: Spanish Conversation and Composition .....	18
Additional courses as approved by the Adviser.....	3
Education 146: Teaching Foreign Languages.....	30
Total.....	

## SPEECH

Speech 1: Effective Speaking.....	3
Speech 2: Speech Making.....	3
Speech 11: Training the Speaking Voice.....	3
Speech 32: Oral Reading.....	3
Speech 102: Oral Interpretation of Literature.....	
Education 136: Teaching English.....	18
One of the following areas of specialization as approved by the Adviser:	
Group 1—Public Speaking.....	
Speech 131: Group Discussion and Conference Leadership	
Speech 136: Public Discussion and Debate	
Speech 143: Persuasion	
Speech 145-46: History and Criticism of Public Address	18
Speech 148: Speeches for Special Occasions	
Group 2—Speech Correction.....	
Speech 175-76: Speech Correction	
Speech 177: Hearing Rehabilitation	
Speech 178: Clinical Practice in Speech Therapy	

Speech 179: Clinical Practice in Hearing Therapy	
Speech 180: Speech Pathology	
Additional courses in English, Physiology, Psychology, or Speech	
to total 18 credit hours, as approved by the Adviser	
Group 3—Theatre	19
Speech 102: Oral Interpretation of Literature	
Speech 151-52: Acting	
Speech 155-56: Stagecraft	
Speech 163-64: Play Direction	
Speech 165-66: History of the Theatre	
Total	36 or 37

### PROFESSIONAL EDUCATION

The basic professional information and skills needed by beginning teachers are provided through four one-year courses, two in each of the junior and senior years. Lectures and class discussions are closely coordinated with field work. Instruction is differentiated to meet the needs of those preparing to teach on the various levels—elementary school, junior high school, senior high school, and adult.

#### Professional Courses

Education 109-10: Learning and Teaching	6
*Education 111-12: Elementary School Curriculum	6
Education 121-22: Society and the School	6
†Education 131: Common Teaching Skills	3
Education 133-34: Observation and Practice Teaching	6
†Education 136 to 150: Special Methods	2-6
Total	29-33

**Learning and Teaching.**—Candidates enrolled in four-year programs leading to the degree of Bachelor of Arts take this course in the junior year. Those enrolled in five-year programs take it in the senior year.

The course attempts to promote a functional understanding of the nature of learning and teaching—characteristics of learning and principles of teaching are presented and discussed in the two one-hour class meetings each week. At least an equal amount of time is spent in observation and study of the application of these characteristics and principles to classroom situations. Class discussion normally revolves around these field experiences.

The course is also intended to provide the student with exploratory experiences of assistance to him in deciding whether to choose the profession of teaching. The student's performance in connection with the course is one of the factors considered when the Faculty reviews the list of candidates who have completed the first term of the junior year (senior year for those enrolled in five-year programs).

\* Not required for those preparing for secondary school teaching.  
 † Not required for those preparing for elementary school teaching.

*Society and the School.*—This course is also taken in the junior year by candidates enrolled in four-year programs (senior year by those in five-year programs).

The first term of the course attempts to promote an understanding and appreciation of the role of schools in the sound promotion of the enduring interests of our democratic society. More particularly, it attempts to develop a functional understanding of the contributions of all social agencies in the education of people and of desirable cooperative working relations that help the school to play its part as a member of the institutional "team" of the community.

The second term of the course is concerned with study of the school as a whole—its purposes, program of studies, out-of-class activities, general organization, and major instructional problems. Although schools at all levels are studied, students give particular attention to schools at the level within which they are preparing to teach.

During both terms of this course classes meet for lecture and discussion two hours a week. At least an equal amount of time is spent in field study. During the first term each student makes an extended study of one cooperating social institution and shorter studies of ten others. In the second term extended study of schools at the level of the student's special interest is supplemented by briefer studies of schools at other levels. Class discussion is largely determined by field experiences.

This course is also intended to provide the student with exploratory experiences of guidance value. The performance of the student in the first term of the course is also given careful consideration by the Faculty in its review of the list of candidates at the beginning of the second term of the junior year (senior year for those enrolled in five-year programs).

*Common Teaching Skills.*—Those enrolled in four-year programs take this course in the senior year. Those enrolled in five-year programs take it in the fifth year.

The course is concerned with the skills needed by teachers in connection with classroom management, teaching techniques, homeroom procedures, administrative routines, activity sponsorship, group planning, and public relations.

Classes meet three hours a week for lecture, discussion, and laboratory. The observation of classroom teaching done in connection with the Observation Course (Education 133), for which students are normally enrolled concurrently, provides the field work of the course.

*Special Methods Courses.*—Associated with each teaching field is a course dealing with its special teaching problems. In addition to the study of practices followed by successful teachers, actual teaching content as found in current texts and courses of study is reviewed. Needed



content, not included in academic courses available for teaching-field preparation, is taught in these courses.

*Observation and Practice Teaching.*—This course is taken in the senior year by students enrolled in four-year programs (in the fifth year by those in five-year programs).

It begins with the observation of classroom teaching in selected situations. Assumption of responsibility for teaching functions is gradual, leading eventually to practice in the complete direction of classroom activities. Those preparing to teach in secondary schools have the opportunity of observing and doing practice teaching in both major and minor teaching fields on the senior high school level. The course is directed by a full-time member of the faculty of the School of Education. The work of each student is under the direct supervision of a critic teacher, selected because of unusual success in teaching, ability to supervise, and broad understanding of educational problems. Critic teachers are part-time members of the instructional staff of the School. Observation and teaching are done in the public schools of the metropolitan area of Washington, assuring practice in situations comparable to those the student is likely to face on becoming a teacher.

#### ADMISSION

To be admitted to candidacy for the degree of Bachelor of Arts in Education the applicant must: (1) hold an Associate in Arts degree based on the Education Curriculum in the Junior College or the equivalent from another accredited higher institution, or a certificate of graduation from an approved normal school or the equivalent; (2) have a quality-point index of 2.00 (average grade of C) counting "Incomplete" grades as "F"; (3) have demonstrated a genuine interest in teaching and possess personality traits that give promise of success as a teacher; and (4) have an interview in the Office of the School of Education.

#### FIVE-YEAR PROGRAMS LEADING TO THE DEGREES OF BACHELOR OF ARTS AND MASTER OF ARTS IN EDUCATION

Five-year programs are designed: (1) to permit more adequate teaching-field and professional preparation, (2) to prepare for special teaching positions, and (3) to meet teaching-certificate requirements based upon five years of preparation.

Students in these programs usually devote the junior year to additional teaching-field preparation and general education. Ordinarily, teaching field preparation is continued in the senior year and the first two professional courses (Education 109-10, 121-22) are taken. The work of the fifth year includes the remaining undergraduate professional courses and the balance of graduate courses needed to meet the requirements of the degree of Master of Arts.

Candidates must have a quality-point index of at least 2.50 before beginning the work of the senior year. As much as 18 credit hours of the work of the senior year may be taken for graduate credit. Observation and Practice Teaching, taken in the fifth year, may not be taken for graduate credit.

Candidates enrolled in five-year programs are able to prepare more adequately in their major or minor teaching fields, or in both. Additional teaching-field courses must be approved by the Adviser in the teaching field concerned.

The five-year plan of study also provides an opportunity for candidates to prepare to teach "common learnings" courses in one or more of the various core curriculum plans now being adopted in many secondary schools. Such programs need to be carefully planned to meet the demands of the situation in which the candidate hopes to teach.

A number of cities and some states require five years of satisfactory preparation before issuing certain teaching certificates. Candidates seeking such certificates should familiarize themselves with the requirements of the community or state concerned and plan their programs accordingly.

Five-year programs must meet all the requirements of the degrees of Bachelor of Arts and Master of Arts in Education, and must be approved by the Adviser designated for these programs.

#### PROGRAMS LEADING TO THE DEGREE OF MASTER OF ARTS IN EDUCATION

Programs of study leading to the degree of Master of Arts are designed: (1) to enable teachers of experience to increase their knowledge of professional and academic information and skills, (2) to prepare for special types of educational service, and (3) to provide opportunities for graduates of liberal arts colleges to acquire needed professional education.

Programs are planned in conference with the designated Adviser and take into consideration the interests of the candidate, his previous background, and the certification requirements of the state and locality in which he plans to teach.

#### PLANS OF STUDY

Two general plans of study lead to the degree.

*Plan 1.*—This plan requires a minimum of 30 hours of graduate credit, including a thesis carrying 6 hours of graduate credit.

*Plan 2.*—This plan requires a minimum of 33 hours of graduate credit, including a course in *Educational Research Methods and Procedures* carrying 3 hours of graduate credit.

Graduate work completed in other accredited institutions of learning may be credited toward the Master's degree, but a minimum of 30 credit hours must be completed in the School of Education of The George Washington University.

Under Plan 1, a minimum of 12 credit hours, in addition to the thesis, must be from courses planned primarily for graduate students (third-group courses). Under Plan 2, a minimum of 18 credit hours, in addition to the course in *Educational Research Methods and Procedures*, must be from third-group courses. Under either plan a minimum of 12 credit hours, not including the thesis or the research course, must be from courses offered in the Department of Education.

Programs may provide for additional academic preparation in one or more teaching fields. In such cases, however, undergraduate and graduate courses combined must be at least equivalent to the undergraduate requirements for the degree of Bachelor of Arts in Education in the teaching field concerned.

Programs are normally based upon undergraduate preparation equivalent to the requirements of the degree of Bachelor of Arts in Education (see pages 12-13). Candidates with less professional preparation must make up their deficiencies either prerequisite to or as part of their graduate study.

Each candidate must file in the Office of the Dean not later than one month after admission to the School of Education a program of study approved by his Adviser.

All candidates must take, at one of the designated periods, a professional comprehensive examination which shall take into account the candidate's area of specialization.

#### PROGRAMS OF STUDY

School Administration—Superintendency, Secondary School Principalship, or Elementary School Principalship

Programs of those interested in the position of school superintendent customarily include The American School System, The Teacher in School Supervision, and one of: Administration of a School System, Secondary School Management, or Administration of Elementary Education. Additional courses are chosen as needed from Adult Education, Curriculum, Elementary Education, Guidance, Public Relations, School Finance, School Law, School Plant Planning, and Secondary Education.

#### Adult Education

Programs of those particularly interested in the education of adults may or may not include additional teaching-field preparation. In addition to six credit hours of work in Adult Education professional courses



may be chosen from Audio-visual Education, Curriculum, Employee Training, Evaluation, Guidance, History of Education, Mental Hygiene, and Philosophy of Education.

#### Secondary Education—Senior or Junior High School

Those who desire additional teaching-field preparation may combine advanced subject-matter courses in an academic field with professional courses. Programs usually include six credit hours of work in Secondary Education with additional courses chosen from Audio-visual Education, Curriculum, Extra-classroom Activities, Guidance in Secondary Schools, Philosophy of Education, Research, and Vocational Education.

#### Elementary Education—Intermediate Grade or Early Childhood Education

Programs customarily include one of: Elementary Education, Elementary Education in Intermediate Grades, or Early Childhood Education with additional courses chosen from Child Growth and Development, Children's Literature, Curriculum, Evaluation, History of Education, Mental Hygiene, Philosophy of Education, Reading Problems, and Speech Correction.

#### Agricultural Extension Education

These programs are designed for those with successful experience in agricultural extension education. Candidates follow *Plan 1*, writing a thesis approved by representatives of the Extension Service of the United States Department of Agriculture. Six credit hours of work, in addition to the thesis, are devoted to agricultural extension education, by special arrangement with the Extension Service of the United States Department of Agriculture. The remainder of the program is planned in accordance with the interests and needs of the candidate and usually includes courses in Supervision, Adult Education, and Secondary Education. Courses in Administration, Curriculum, Evaluation, Group Leadership, Guidance, Personnel Psychology, Research, Speech, and Statistics may also be chosen.

#### Curriculum

Programs of those interested in specializing in curriculum development include six credit hours of work in Curriculum with additional courses chosen from Adult Education, Audio-visual Education, Child Growth and Development, Course of Study Construction, Elementary Education, Evaluation, Extra-classroom Activities, and Secondary Education.

### Employee Training

Programs for those interested in the training of employees in business, industry, and government normally include courses in Employee Training and Adult Education. Additional courses are chosen from Audio-visual Education, Curriculum, Guidance, Mental Hygiene, Personnel Psychology, Philosophy of Education, Public Relations, and Techniques of Counseling.

### Guidance

Programs for those especially interested in guidance usually include courses in Educational and Vocational Guidance, Techniques of Counseling, Guidance in Secondary Schools, and Occupational and Educational Information. Additional Courses frequently chosen include Adult Education, Curriculum, Employee Training, Evaluation, Individual Psychological Testing, Personnel Psychology, Philosophy of Education, Psychological Tests, Secondary Education, and Test Construction.

### Physical Education

Programs of candidates who have had undergraduate training in Physical Education may include twelve credit hours of work in Health Education, Physical Education, and Recreation. Four graduate courses: *Problems in Physical Education*, *Problems in Health Education*, *Evaluation in Physical Education*, and *Physical Education for the Atypical*, are offered, two each year in alternate years. Certain undergraduate courses may also be taken for graduate credit. These are available in the areas of Camping, Dance, Physical Education, and Recreation.

As a rule these programs include six credit hours of work in Secondary Education. Additional courses are chosen from Audio-visual Education, Curriculum, Extra-classroom Activities, Guidance, Philosophy of Education, Public Relations, and Supervision.

If *Plan 1* is followed the thesis problem may be from the field of Physical Education.

### ADMISSION

To be admitted to candidacy for the degree of Master of Arts in Education the applicant must: (1) hold a Bachelor's degree from an accredited institution; (2) have an undergraduate quality-point index of 2.50 or above (C + average); (3) have demonstrated a genuine interest in teaching; (4) be in possession of personality traits that give promise of better-than-average success as a teacher.

To be admitted to candidacy in programs designed to prepare for service in guidance and administration two years of successful teaching experience are prerequisite.

### PROGRAM LEADING TO THE DEGREE OF DOCTOR OF EDUCATION

The requirements for the degree of Doctor of Education cannot be stated in credit hours, but they consist in general of at least two full years of work beyond the degree of Master of Arts in Education or the equivalent. The programs of study are designed to prepare students for administrative or supervisory positions, the teaching of education in normal schools or colleges, the teaching of an academic subject in schools or colleges, or for specialized types of educational service. The work is given a practical rather than a theoretical bent, and emphasizes the mastery and application of subject matter, both in the study requirements and in the dissertation. Special emphasis is placed upon the professional success of the candidate.

The candidate's program of study depends for the most part upon his previous educational background and his professional objective. Opportunities are provided for study leading to the following professional objectives:

School Superintendent  
Secondary School Principal  
Supervisor  
Director of Guidance

Director of Curriculum Development  
Professor of Education  
Specialist in Educational Research

### QUALIFICATIONS OF THE APPLICANT

The candidate for the degree of Doctor of Education must have completed (1) graduate work in fields prerequisite to his objective, equivalent to that required for the degree of Master of Arts in Education in The George Washington University, and (2) at least three years of successful educational experience.

### ADMISSION TO CANDIDACY

To be admitted to candidacy for the degree the applicant must be accepted by the Faculty of the School of Education on the basis of an examination conducted by a committee appointed by the Dean. This examination will usually include the following: (1) a written examination involving problems related to the applicant's background; (2) a scholastic-aptitude test; (3) an oral examination.

### CONSULTATIVE COMMITTEE

If the applicant is accepted as a candidate, his consultative committee, in cooperation with the candidate, will (1) determine the candidate's fields of study, in each of which the candidate must pass a written examination at least eight months before he presents himself for the degree; (2) formulate a list of course requirements and of readings that will assist him in preparing for these examinations; and (3) des-



ignates the tools of investigation that will be needed by the candidate in the prosecution of his study. These tools may include one foreign language, or more, statistical methods, historical criticism, or any others considered essential by the committee. An examination in the tools designated must be passed by the candidate before he takes his comprehensive examination.

#### THE DISSERTATION

When the candidate has satisfied the requirements of his consultative committee, the committee is dissolved. A member of the faculty, in whose field the topic of the dissertation falls, is then appointed to serve as the candidate's adviser on his dissertation and in his field of specialization, and to recommend him to the Dean for the final oral examination when, in his judgment, the candidate's dissertation is acceptable.

Not later than the date specified in the University calendar the candidate shall submit to the Dean of the School of Education four copies of his dissertation—one typewritten original and three legible and complete carbon copies, on official thesis paper—and also a typewritten summary of the dissertation consisting of not more than 2,500 words. Requirements regarding the form of the dissertation are stated in the general catalogue and additional information will be supplied by the Dean.

The successful candidate is required, before receiving his degree, to pay a fee to cover the expense of printing the summary of his dissertation.

#### THE FINAL EXAMINATION

At least three weeks before the degree is to be conferred the candidate must pass an oral examination on his dissertation and on his field of specialization before a committee of the Faculty appointed by the Dean, supplemented by two experts from outside the University appointed by the President. This examination is open to the public and all are privileged to question the candidate. The Dean, or a member of the Faculty designated by him, will preside at this examination.

#### READING CLINIC

To help children and adults with reading difficulties the University operates a diagnostic reading clinic. Children may be referred by principals, teachers, or parents. Adults may apply by telephone.

To arrange for a clinical examination of reading status, address The George Washington University Reading Clinic, 720 Twenty-second Street NW., or telephone NAational 5200, Extension 451, for an ap-

pointment. The Clinic is open for appointments Monday through Friday, from 9:00 A.M. to 12:00 noon.

A complete diagnostic examination usually requires three sittings. When completed, a written report is given and a conference arranged at which disabilities are discussed in detail and suggestions for corrective work are outlined. The fee is \$25.

## REGULATIONS

*Students in the School of Education are subject to, and are expected to familiarize themselves with, the general University regulations stated in the University catalogue.*

### REGISTRATION

Before a student may be admitted to registration he must have satisfied the Office of the Director of Admissions that he is qualified for entrance to the University.

A student who has previously matriculated in the University, but who has not been in attendance during the term prior to registration, should file an application for readmission in advance of registration.

Registration is for the term unless otherwise indicated on the registration paper. No registration is accepted for less than a term or one summer session.

A student may not register concurrently in The George Washington University and another institution without the permission of the Dean. Allowance of credit for work done concurrently will be at the discretion of the Committee on Admission and Advanced Standing.

### AMOUNT OF WORK

A normal program of work for an undergraduate student is sixteen or seventeen credit hours. A student with a quality-point index of 3.00 or higher may, with the Dean's permission, take nineteen hours. More than nineteen hours may not be taken except by special permission of the Committee on Scholarship.

For an employed student ten credit hours constitute a normal program. A student with a quality-point index of 3.00 or higher for the preceding term may be permitted by the Dean to take twelve or thirteen credit hours.

For a graduate student twelve credit hours, exclusive of the thesis, constitute a normal program. An employed student may not take more than nine credit hours.

### ATTENDANCE

A student is not permitted to attend classes until registration has been completed and fees due have been paid. Regular attendance is required. A student may be dropped from any course for undue absence.

A student who has been suspended, either for delinquency in payment of fees or for any other reason, is not permitted to attend classes during the period of suspension.



## WITHDRAWAL

Withdrawal from a course or from the University, *without academic or financial penalty*, requires the permission of the Dean. Permission to withdraw from the University will not be granted a student who has not a clear financial record.

Withdrawal between October 31 and the end of the fall term and between February 28 and the end of the spring term is permitted only in exceptional cases.

*All charges for courses dropped without the approval of the Dean must be met by the student. Reporting the dropping of a course to an instructor does not effect its discontinuance.*

## CHANGES IN PROGRAM OF STUDIES

A student may not change or drop courses or change his status to that of auditor except with the approval of the Dean upon presentation of adequate reasons for such changes.

Change from one section to another of the same course or from one major subject to another within the same college or school may be made with the approval of the Dean. All requirements specified in the course of study to which the change is made must be satisfied before graduation.

Transfer from one college, school, or division to another may be made only with the approval of the deans concerned. Applications for such change should be made on the proper form, obtainable in the Office of the Director of Admissions, where it should be filed.

## SUMMER SCHOOL CREDIT

A student who plans to attend summer school sessions at another institution with the intention of having credits so obtained apply toward graduation from this University must first secure the written approval of the Dean. In no event will such credits be recognized to an amount in excess of that which might be earned in a similar period in this institution.

## GRADUATION REQUIREMENTS

To be recommended for graduation a student must have met the admission requirements of the college or school in which he is registered, completed satisfactorily the scholarship, curriculum, residence, and other requirements for the degree for which he is registered, and be free from all indebtedness to the University.

*Application for Graduation.*—Application for a degree should be filed in the Office of the Registrar at the time of registration for the last term of the senior or final year.

*Scholarship.*—The undergraduate student must maintain a quality-point index of at least 2.00.

The graduate student must maintain a quality-point index of 3.00.

*Residence.*—A minimum of one year, or thirty credit hours, including at least twelve credit hours in the major field, must be completed in residence. Not more than six credit hours of the residence requirement may be satisfied by off-campus courses. Summer term work may be counted in residence, but in no case may the period of residence aggregate less than thirty weeks. Unless special permission is granted by the Dean to pursue work elsewhere, the work of the senior or final year must be completed in residence.

The graduate student must meet the residence requirements for the particular degree for which he is registered.

With the permission of the Dean a student may be granted leave of absence; such student should, however, remain technically in residence by paying the residence fee for each term he is absent. For the purpose of this regulation, the summer sessions will not be considered a term.

*Attendance and Conduct.*—The University reserves the right to refuse to confer a degree upon a candidate whose attendance or conduct has been unsatisfactory.

*Presence at Graduation.*—A candidate is required to be present at the graduation exercises unless written application for graduation in absentia is approved by the Dean.

#### THE LIBRARY

A student registered in the University is entitled to the reference use of the University Library. The University Membership Card, issued upon the payment of fees, must be presented as identification.

Library books, with the exception of those in the Law and Medical collections, may be drawn for home use for a period of two weeks. Any book which does circulate is subject to recall by the Librarian at any time. Reserve books and periodicals for collateral reading must be used in the reading rooms when the Library is open. With special permission they may be drawn for overnight use when the Library closes. A fine of twenty-five cents will be charged for the first hour or fraction of an hour and five cents for each hour or fraction thereafter that a reserve book is overdue. Grades of a student will be withheld until his library record is clear.

#### HOURS

The University Library is open from 9:00 A.M. to 10:00 P.M. each class day (Saturday 9:00 A.M. to 5:00 P.M.), and from 2:00 to 6:00 P.M. on Sunday.

## FEES AND FINANCIAL REGULATIONS

By authorization of the Board of Trustees, the following fees have been adopted:

## TUITION FEES

For each credit hour for which the student registers (except work taken by a candidate for a Doctor's degree).....	\$12.00
For the degree of Doctor of Education	
For work leading to and including the general examination.....	360.00
For work leading to and including the final examination.....	360.00

## ADDITIONAL COURSE FEES

In certain courses additional fees, such as laboratory and material fees, are charged as indicated in the course descriptions. These fees are charged by the term and, unless otherwise indicated, may be defrayed in three payments when the tuition is paid in this manner. Breakage of apparatus is charged against the individual student. When breakage is in excess of the normal amount provided for in the laboratory fee the individual student will be required to pay such additional charges as are determined by the department concerned.

GRADUATION FEE .....	20.00
FEE FOR BINDING MASTER'S THESIS.....	4.00
FEE FOR PRINTING AND FILING SUMMARY OF DOCTORAL DISSERTATION .....	50.00
<b>SPECIAL FEES</b>	
Application fee, charged all applicants for admission, non-refundable	
Late-registration fee, charged each student who fails to register within the designated period.....	3.00
Withdrawal fee, charged each student who preregisters and withdraws prior to the regular registration.....	5.00
Service fee, charged each student for late payment of tuition (see "Payment of Fees") .....	5.00
Reinstatement fee, charged each student who is reinstated after suspension for delinquency in fees.....	1.00
Residence fee, charged each student wishing to maintain "in residence" status during any term of absence from the University or after completion of tuition requirements.....	5.00
For special physical examination.....	12.00
For examinations to qualify for advanced standing and for each special examination .....	2.00
For diagnostic reading clinic.....	5.00
Laboratory checkout fee, charged all students in chemistry and pharmacy courses who fail to check out of the laboratory by the time set by the instructor.....	25.00
	2.00

Registration in the University entitles each student to the following University privileges: (1) the issuance of three certified transcripts of record, if and when desired; (2) the services of the Employment Office; (3) the use of University library facilities, except as otherwise designated; (4) gymnasium privileges; (5) admission to all athletic contests, unless otherwise specified; (6) subscription to the *University Hatchet*, the student newspaper; (7) admission to University debates; (8) medical attention and hospital services as described in the General Catalogue. These privileges, however, with the exception of the issuance of tran-



scripts, terminate, and a student is no longer in residence, when he withdraws or is dismissed from the University.

#### PAYMENT OF FEES

All fees are payable at the Office of the Cashier, 725 Twenty-first Street NW. No student is permitted to complete registration or to attend classes until all fees are paid. Fees for each term are due and payable in advance at the time of registration.

In exceptional cases, subject to the approval of the Comptroller, the student may sign a contract for term charges, except for fees payable in advance, permitting payments as follows:

*Fall Term.*—One third at the time of registration; one third on November 3; one third on December 3.

*Spring Term.*—One third at the time of registration; one third on March 3; one third on April 3.

A student who fails to meet payments when due, but who pays his fees on or before the tenth day of the month in which payment is due, is charged a service fee of \$1. A student who fails to meet payments by the tenth day of the month in which payment is due will be automatically suspended and may not attend classes until he has been officially reinstated and has paid all accrued fees and a reinstatement fee of \$5.

A suspended student may not be reinstated for the term after two weeks from the date of suspension. Applications for reinstatement are to be made by the Dean.

An auditor pays all fees chargeable to the student registered for credit except the late-registration fee.

#### WITHDRAWALS AND REFUNDS

Application for withdrawal from the University or for change in class schedule must be made in person or in writing to the Dean. Notification to an instructor is not an acceptable notice.

In authorized withdrawals and changes in schedules, financial adjustments will be made as follows:

*Fall Term.*—Withdrawal dated on or before October 31, cancellation of two-thirds of tuition charges; withdrawal dated on or before November 30, cancellation of one-third of tuition charges. No refund or reduction will be allowed on a withdrawal dated subsequent to November 30.

*Spring Term.*—Withdrawal dated on or before February 29, cancellation of two-thirds of tuition charges; withdrawal dated on or before March 31, cancellation of one-third of tuition charges. No refund or reduction will be allowed on a withdrawal dated subsequent to March 31.

In no case will a refund be made of the first third of the total tuition charges unless the registration is in advance and the course is dropped before the regular registration day. In this case a withdrawal fee of \$5 is charged and tuition fees refunded. In no case will tuition be reduced or refunded because of nonattendance upon classes.

Payment applies only to the term for which a registration charge is incurred and in no case will this payment be credited to another term.

Any student in chemistry who fails to check out of the laboratory on or before the date set by the instructor, unless excused by the instructor, will be charged a checkout fee in the amount of \$2. A student who drops a course before the end of the term must check out of the laboratory at the next regular laboratory period.

Authorization to withdraw and certification for work done will not be given a student who has not a clear financial record.

All charges for courses dropped without the approval of the Dean must be met by the student. Reporting the dropping of a course to an instructor does not effect its discontinuance.

#### RIGHT TO DISMISS STUDENTS

The right is reserved by the University to dismiss or exclude any student from the University, or from any class or classes, whenever, in the interest of the student or the University, the University Administration deems it advisable to do so.

#### RIGHT TO CHANGE RULES

The University and its various colleges, schools, and divisions reserve the right to modify or change requirements, rules, and fees. Such regulations shall go into force whenever the proper authorities may determine.

## COURSES OF INSTRUCTION

The University reserves the right to withdraw any course announced.

### EXPLANATION OF COURSE NUMBERS

An odd number preceding the name of the course indicates that the course is offered in the fall term; and an even number, that it is offered in the spring term. The letter "x" following an odd course number (e.g., 295x) indicates that the course, normally offered in the fall term, is given in the spring term. The letter "x" following an even course number indicates that the course, normally offered in the spring term, is given in the fall term.

*First-group courses.*—Courses numbered from 1 to 100 are planned for students in the freshman and sophomore years. With the approval of the Adviser and the Dean, they may also be taken by juniors and seniors. In certain instances, they may be taken by graduate students to make up undergraduate deficiencies or as prerequisite to advanced courses, but they may not be credited toward a higher degree.

*Second-group courses.*—Courses numbered from 101 to 200 are planned for students in the junior and senior years. They may be credited toward higher degrees only when registration for graduate credit has been approved at the beginning of the course by the Dean of the School of Education and by the officer of instruction concerned, and when the completion of additional work has been certified by the officer of instruction.

*Third-group courses.*—Courses numbered from 201 to 300 are planned primarily for graduate students. They are open, with the approval of the officer of instruction to qualified seniors.

### INDICATION OF THE AMOUNT OF CREDIT

The number of credit hours given for the satisfactory completion of a course is indicated in parentheses after the name of the course. Thus, a year course giving three hours of credit each term is marked (3-3), and a term course giving three hours of credit is marked (3).

### DEPARTMENT OF EDUCATION

Courses offered by the Department of Education are of two types: those designed for the preservice education of candidates and those planned for the inservice education of teachers.

Preservice courses devote two fifty-minute periods a week to lecture and discussion supplemented by a minimum of two hours a week of related field work. A clinical approach to the study of educational



problems is used, lectures and discussions revolving around observed practices.

Inservice courses usually meet only once a week for a two-hour period. Class work is supplemented by extensive reading assignments, the preparation of reports, and field work. A student enrolled in one of these courses should plan to devote not less than seven hours a week, exclusive of class time, to the work of the course.

Ample opportunity is provided to study teaching or administrative problems of special interest. To enable students to consult with instructors regarding individual problems, a conference hour is scheduled immediately before or after the class period.

Only the courses designed to provide professional information and skills are listed below. For courses needed for general education or teaching-field preparation, see the general catalogue. In addition to courses offered in the Department of Education a number of professional courses for teachers are offered in the departments of Psychology, Speech, and Statistics. These are listed below together with courses offered by the Department of Education.

Whenever possible, the exact hour of class meeting is stated. Hours for classes not yet scheduled may be found in the Schedule of Classes for the term concerned.

#### FIRST GROUP

##### *Education A Reading Clinic*

Diagnosis of reading difficulties; individual or group lessons without academic credit for alexia, dyslexia, and remedial cases. Fee: for diagnosis, \$25; for individual lesson, \$3; for group lesson, \$2.50.

Hilder and Staff

##### *Psychology 22 Introduction to Educational Psychology (3)*

Consideration of individual and group differences, adjustments, and the psychology of learning in relation to education and training. Mornings. (Also offered 1951 summer term.)

Faith

Psychology 22x—same as Psychology 22, but offered fall term. Tues. and Thurs., 6:10 to 7:25 P.M.

##### *Psychology 29 Child Psychology (3)*

A genetic approach to the study of the child. Special emphasis is placed on the socialization process, learning, and the child's view of the world. Tues. and Thurs., 6:10 to 7:25 P.M. (Also offered 1951 summer term.)

Phillips

Psychology 29x—same as Psychology 29, but offered spring term. Morning.

The Staff

##### *Statistics 53 Introduction to Statistics in Psychology and Education (3)*

Sources of data, tabulation, charts and graphs, averages, dispersion, quartiles and percentiles, raw scores and derived scores, profiles, norms and their use, frequency distributions, intelligence and other quotients, reliability and valid-

ity of tests, normal curve, correlation, elementary sampling, statistical error, limitations of statistics. Prerequisite: one entrance unit in algebra. Laboratory fee, \$5. Lecture—section A: Tues. and Thurs., 10:10 A.M.; section B: Mon. and Wed., 7:10 P.M.; laboratory—section M: Mon., 4:10 to 5:50 P.M.; section N: Thurs., 4:10 to 5:50 P.M.; section P: Wed., 8:10 to 9:50 P.M. Statistics 53x—same as Statistics 53, but offered spring term. Morning and evening sections.

## SECOND GROUP

Statistics 105 *Statistics in Psychology and Education* (3) Wann  
Advanced study of correlation and frequency analysis, sampling theory, factor analysis, and applications to specific problems utilizing case method of study insofar as possible. Original work is required of each student. Prerequisite: Statistics 53. Laboratory fee, \$5. Evening.

Education 107 *Introduction to Learning* (3) Indorf  
Child growth and development, nature of learning with implications for teaching. For liberal arts graduates who have had no equivalent professional training. Summer term 1951.

Education 108 *The Elementary School* (2) Burnett  
Purposes, organization, program of studies, general problems of the elementary school. For liberal arts graduates and graduates of secondary school curricula. Summer term 1951.

Education 109-10 *Learning and Teaching* (3-3) Ruffner  
For the general student as well as the prospective teacher. Fall term: nature of learning approached through the study of actual classroom situations. Spring term: nature of teaching approached through observation of typical classroom situations. Section A: lecture—Wed. and Fri., 2:10 P.M., conference hour—Mon., 2:10 P.M.; section B: lecture—Wed. and Fri., 6:10 P.M., conference hour—Mon., 6:10 P.M.; field work (2 hours) to be arranged. (Also offered 1951 summer term.)

Education 111-12 *Elementary School Curriculum* (3-3) Burnett  
Principles of elementary education, including general classroom procedures and common teaching skills. Fall term: special emphasis upon materials and methods in language arts, including reading, writing, spelling, and speech. Spring term: special emphasis upon materials and methods in social studies and arithmetic. Mon., Wed., and Fri., 5:10 P.M. (Also offered 1951 summer term.)

Education 113 *Elementary School Art* (3) Randall  
Materials and methods. Mon., 5:10 to 7:00 P.M.

Education 114 *Elementary School Music* (3) Reed  
Materials and methods. Tues. and Thurs., 5:10 P.M.

Education 115 *Elementary School Classroom Procedures* (3) Barnes  
Determination of children's needs and interests, providing for individual differences, evaluation of classroom practices. Summer term 1951.

- Education 121-22 *Society and the School* (3-3)** Burnett, Hall  
For the general student as well as the prospective teacher. Fall term: the local, national, and international roles of education; cooperation of the school with other community agencies. Spring term: organization and operation of schools; principles and functions. Section A: lecture—Tues. and Thurs., 2:10 P.M., conference hour—Mon., 2:10 P.M.; section B: lecture—Tues. and Thurs., 6:10 P.M., conference hour—Mon., 6:10 P.M.; field work (2 hours) to be arranged. (Also offered 1951 summer term.)
- Psychology 121 *Educational Psychology* (3)** Faith  
Advanced course in Educational Psychology. Open each term on the individual study plan to a limited number of students. Time to be arranged.
- Education 123-24 *Reading Problems* (3-3)** Hilder  
A clinical approach to reading difficulties on elementary and secondary school levels. Sat., 9:10 to 11:00 A.M.
- Education 125 *Corrective Procedures in Reading* (3)** Hilder  
Study of levels, needs, materials, and corrective methods. Demonstrations and observations with clinic cases. Summer term 1951.
- Education 127 *Children's Literature* (3)** Walker  
Exploring and evaluating the newer books for children and the children's classics, understanding the contribution of literature in child development, appreciating children's original expressions. Wed., 7:10 to 9:00 P.M.; field work (2 hours)—to be arranged.
- Psychology 129 *Introduction to Counseling and Guidance* (3)** Dreese  
A survey of the basic principles, techniques, and procedures as applied to vocational, educational, and personal counseling. Tues., 6:10 to 8:50 P.M.
- Education 131 *Common Teaching Skills* (3)** Root  
Course, unit, and lesson planning; practical techniques used in connection with motivation, the assignment, group procedures, directing study, individual differences, evaluation, clerical routines, discipline, the homeroom, activity sponsorship, public relations. Mon., Wed., and Fri., 5:10 P.M.
- Psychology 131 *Psychological Tests* (3)** Hunt  
A survey of psychological tests and their more common uses in business, industry, government, law, medicine, and education. Material fee, \$2.25. Mon., Wed., and Fri., 11:10 A.M. (Also offered 1951 summer term.)
- Psychology 131X—same as Psychology 131, but offered spring term. Evening.**
- †Education 133-34 *Observation and Practice Teaching* (3-3)** Root, Burnett  
Education 134, practice-teaching fee, \$8 a credit hour. Admission by permission of the instructor. Time to be arranged individually. (Also offered 1951 summer term.)

† A dagger (†) preceding the number of a year course indicates that the course may not be entered in the second term and that credit will not be given until the work of both terms has been completed.



- Psychology 144 *Personnel Psychology* (3) Mosél  
The applications of psychology to personnel work in education, business, industry, and government. Afternoon.  
Psychology 144x—same as Psychology 144 but offered fall term. Mon. and Wed., 5:45 to 7:00 P.M.

### SPECIAL METHODS COURSES

To be elected in the senior year after substantial preparation in the teaching fields concerned. Course requirements and hours of credit vary with license requirements. Practices of successful teachers are studied and actual teaching content as found in current texts and courses of study is reviewed.

- Education 136 *Teaching English* (2 to 4) Lumsden  
Tues., 7:35 to 9:35 P.M.; field work (2 hours) to be arranged.
- Education 138 *Teaching Social Studies* (2 to 4) Root  
Mon., 7:10 to 9:10 P.M.; field work (2 hours) to be arranged.
- Education 140 *Teaching Mathematics* (3) Weida  
Mon., 5:10 to 7:00 P.M.
- Education 141-42 *Teaching Art* (3-3) Goodwin  
(Not offered in 1951-52.)
- Education 144 *Teaching Science* (2 to 4) Rumbough  
Thurs., 5:10 to 7:00 P.M.; field work (2 hours) to be arranged.
- Education 146 *Teaching Foreign Languages* (2 to 4) Doyle, Keating  
Tues., 5:10 to 7:00 P.M.
- Education 148 *Teaching Home Economics* (2) Kirkpatrick  
Time to be arranged.
- Education 150 *Teaching Business Subjects* (2) \_\_\_\_\_  
Time to be arranged.
- Speech 175-76 *Speech Correction* (3-3) Pettit  
A study of the causes of the disorders of speech with emphasis on methods in diagnosis and treatment of defective speech. Prerequisite: Speech 11 and 101, or permission of the instructor. Laboratory fee: \$3 a term. 175: Mon., Wed., and Fri., 5:10 P.M.

### THIRD GROUP

- Education 205-6 *The Curriculum* (3-3) Burnett  
General principles and practices of curricular development, modern trends and procedures of improvement, group consideration of student problems.  
Wed., 7:10 to 9:00 P.M.

Education 207 *Course of Study Construction* (3) Burnett  
Major factors underlying course of study construction, analysis of procedures, review of typical published courses, application to student's own situation.  
Summer term 1951.

Education 209-10 *Child Growth and Development* (3-3)  
Basic factors in human growth and development and their relation to learning and teaching. Related practical experience in studying children; class analyses of procedures and results. Sat., 11:10 A.M. to 1:10 P.M. (Also offered 1951 summer term—Education 209 (3).)

Education 211x *Evaluation in Education* (3) Ruffner  
Concept of evaluation, relationship between evaluation of ends and means, steps involved in the evaluation of learning outcomes. As the course progresses each student develops a solution for an evaluation problem related to his work situation. Thurs., 7:35 to 9:35 P.M. (Also offered 1951 summer term.)

Education 213-14 *History of Education* (3-3) Jarman  
Fall term: the European backgrounds of American education. Spring term: the evolution of the American school system. Tues., 7:35 to 9:35 P.M.

Education 215 *Education of the Exceptional* (3) Tannhauser  
For classroom teachers. A survey of current problems in the education and guidance of exceptional pupils. Nature and needs of those physically, mentally, or emotionally handicapped; needs of the gifted—discussed by experts in these fields. Resources for help in correction, diagnoses, therapy, education, and guidance.  
Summer term 1951.

Education 217-18 *Contemporary Problems in Education* Jarman  
(3-3)  
Fall term: designed to help students formulate a personal philosophy of education. Spring term: social foundations of education—a study of the forces that shape the policies and offerings of the school. Mon., 7:10 to 9:10 P.M. (Also offered 1951 summer term—Education 217 (3).)

Education 219 *Recent Developments in Elementary Education* (3) Burnett  
Review of recent literature and research; consideration of the newer practices and trends.  
Summer term 1951.

Education 221-22 *Seminar: Early Childhood Education* Little  
(3-3)  
Fall term: home backgrounds, nursery school, and kindergarten situations. Spring term: primary grades. (Not offered in 1951-52.)

Psychology 223 *Seminar: Learning* (3) Tuthill  
Covers theories of learning. Afternoon.

**Education 225-26 Seminar: Elementary Education in the Little Intermediate Grades (3-3)**

A comprehensive study of the major problems of the intermediate grades. (Not offered in 1951-52.)

**Psychology 225 Seminar: Mental Hygiene (3)** Phillips

A survey of the recent literature in social psychology and anthropology as they relate to the impact of society on the mental hygiene of the individual. Individual mental health problems are viewed in terms of the social context in which they occur and are treated. Sat., 10:10 to 12:00 A.M. (Also offered 1951 summer term.)

**Education 227-28 Elementary Education (3-3)** Burnett

Fall term: discussion of fundamental issues in the light of their historical development and current proposed solutions. Spring term: relationships of developments in each instructional area to the fundamental issues. Sat., 9:10 to 11:00 A.M.

**Psychology 227x Seminar: Counseling and Guidance (3)** Dreese

Recent developments and current problems in vocational, educational, and personal guidance in various types of agencies with particular reference to education. Prerequisite: educational or psychological measurements and Psychology 129 or the equivalent. Thurs., 7:35 to 9:25 P.M.

**Psychology 228 Seminar: Techniques of Counseling (3)** Dreese

Specific types of vocational, educational, and personal counseling problems approached through the case method. Prerequisite: recent previous course in counseling and guidance and familiarity with individual analysis methods. Evening.

**Psychology 229 Seminar: Occupational and Educational Information (3)** Davis

Designed to acquaint vocational and educational counselors with the basic occupational and educational information necessary in counseling. Sources of data and techniques of collecting, analyzing, and disseminating for purposes of guidance. Wed., 8:10 to 10:00 P.M. (Also offered 1951 summer term.)

**Education 230x Administration of Elementary Education (3)** Burnett

The principal as a school and community leader. Problems of supervision, curriculum development, parent relations, pupil guidance, and management. Tues., 7:35 to 9:35 P.M.

**Education 231 Secondary School Classroom Procedures (3)** Bish, Root

Survey of current classroom practices with particular attention to selected topics such as teacher-pupil planning, group procedures, pupil security, initiatory and culminating activities, individual and group evaluation techniques, teaching aids, etc.; review of recent literature. Tues., 7:35 to 9:35 P.M. (Also offered 1951 summer term.)



**Psychology 231 Test Construction (3)**

Hunt

The principles underlying test construction; statistical techniques in the construction, evaluation, and standardization of psychological, educational, and vocational tests. Prerequisite: a course in tests and measurement and a course in statistics. Afternoon.

**Psychology 232 Research: Test Construction (3)**

Hunt

Individual projects of construction and evaluation of psychological, educational, or vocational tests. Prerequisite: Psychology 231. Open each term on an individual study plan to a small number of students by permission of the instructor. Time to be arranged.

**Education 233 Audio-visual Education (3)**

J. Johnson

Selection and use of audio-visual aids; management of materials and equipment. Material fee, \$5. Lecture (2 hours), laboratory (2 hours). Sat., 11:10 A.M. to 1:00 P.M.; 1:30 to 3:30 P.M.

**Psychology 233 Individual Psychological Testing (3)**

Phillips

Instruction and practice in giving the Binet Test and the Wechsler-Bellevue Test. Emphasis is placed on testing children and adolescents. Prerequisite: an elementary course in tests and measurements. Material fee, \$2.25. Fri., 3:10 to 5:00 P.M. (Also offered 1951 summer term.)

Psychology 233x—same as Psychology 233, but offered spring term. Afternoon.

**Education 247-48 Vocational Education (3-3)**

Ruffner, H. Johnson

Fall term: development in the United States, current concepts, agencies involved, problems and trends. Spring term: learning and teaching activities, curriculum content, administration of vocational programs. Tues., 7:15 to 9:35 P.M. (Also offered 1951 summer term.)

**Education 251 Guidance in Secondary Schools (3)**

Brougher

Scope; needs; organization of the program; services to students, the instructional staff, and the administration; personnel needed for the program. Fri., 7:10 to 9:10 P.M.

**Education 254 The Junior High School (3)**

Bish, Root

Purposes, organization, core programs, guidance, developing course of study, extra-classroom activities. (Not offered in 1951-52.)

**Education 255-56 Secondary Education (3-3)**

Root

Fall term: review of recent literature and practices; particular attention to recent proposals for improving secondary education, including those by the Educational Policies Commission, Harvard Committee, and Commission on Life Adjustment Education. Spring term: current problems in each of the subject-matter fields. Sat., 11:10 A.M. to 1:00 P.M. (Also offered 1951 summer term.)

**Education 259-60 Secondary School Management (3-3)**

Foz, H. Johnson

Management planning, execution, and control; criteria of good management; construction of the master schedule; leadership problems incident to the development of new policies and programs. Wed., 7:10 to 9:00 P.M.

- Education 263-64 *Employee Training* (3-3) Root  
Fall term: nature and purposes, organization and administration of programs—orientation, executive, supervisory, apprentice, clerical skills; training media and techniques; coordination with other management functions. Spring term: current practices, operating policies, and programs of selected organizations. Thurs., 7:35 to 9:35 P.M.
- Education 271 *The American School System* (3) Fox  
Education and world affairs, national agencies, role of the state, local administration, school finance, legal controls, school plant, public support, democratic administrative procedures, improving teaching conditions. Sat., 9:10 to 11:10 A.M.
- Education 272 *The Teacher and School Supervision* (3) Fox  
Nature, organization, human relationships, and techniques. Sat., 9:10 to 11:10 A.M. (Also offered 1951 summer term.)
- Education 273-74 *Administration of a School System* (3-3)  
A comprehensive survey of the management problems of a beginning superintendent; does not anticipate previous experience as a superintendent. (Not offered in 1951-52.)
- Education 275 *School Finance* (3)  
Educational financial theory, practice, and control, including methods of financing. (Not offered in 1951-52.)
- Education 276 *Seminar: Public Relations in School Administration* (3) Fox  
Purposes, gathering materials, disseminating agencies, publicity media, public participation in policy-making. (Not offered in 1951-52.)
- Education 278 *School Law* (3) Remmlein  
Sources and scope of school law; legal rights and responsibilities of teachers, pupils, and taxpayers. Other legal problems of major interest to the group. Thurs., 7:35 to 9:35 P.M.
- Education 279-80 *Adult Education* (3-3) Ruffner  
Fall term: current concepts and objectives, agencies involved, programs on all levels—international through community. Spring term: the adult as a learner, the teacher of adults, learning-teaching activities, administration of adult education programs. Mon., 7:10 to 9:10 P.M. (Also offered 1951 summer term—Education 280 (3).)
- Education 285 *Extra-classroom Activities* (3) Root  
Nature and purposes of selected activities—homeroom, clubs, assemblies, school publications, student council, interscholastic contests; particular attention to sponsorship, participation, finance, and evaluation. Summer term 1951.
- Education 287-88 *Clinical Study of Reading Problems* (3-3) Hilder  
For advanced students. Diagnostic work under supervision in the Reading Clinic. Admission by permission of the instructor. Sat., 11:10 A.M. to 1:10 P.M.

**Education 291 *Planning the School Plant* (3)**

Hamon

Selection of site: evaluation of existing buildings; utilization of present facilities; adaptation to curricular needs; building, operation, and maintenance problems. (Not offered in 1951-52.)

**Education 293-94 *Research* (3-3)**

The Staff

Individual research under the guidance of a member of the Staff. Program and conferences arranged with an instructor.

**Education 295 *Educational Research Methods and Procedures* (3)**

Fox

Required of all Master of Arts candidates following Plan 2. Knowledge of elementary statistics required. Tues. and Thurs., 6:10 P.M. (Also offered 1951 summer term.)

Education 295x—same as Education 295, but offered spring term. Fri. 5:10 to 7:00 P.M.

**Education 297 *Reading in Education***

The Staff

To assist those preparing for the comprehensive examination. No credit toward degree requirements. Tuition fee: \$12. Wed., 5:10 P.M. (Also offered 1951 summer term.)

Education 297x—same as Education 297, but offered spring term. Wed. 5:10 P.M.

**Education 299-300 *Thesis* (3-3)**

The Staff

Required of all Master of Arts candidates following Plan 1. Time to be arranged. (Also offered 1951 summer term.)

## DEPARTMENTS OF PHYSICAL EDUCATION

The following courses are offered by the Department of Physical Education for Men and the Department of Physical Education for Women. Whenever possible the departments offer lecture courses jointly.

## FIRST GROUP

**43-44 *Techniques of Physical Education Motor Activities* (2-2)**

The Staff

Fundamental skills, rules, and organization. Locker and towel fee,\* \$2 a term. Tues. and Thurs., 1:10 to 3:00 P.M.

**45-46 *Methods of Teaching Physical Education Activities for Secondary Schools I* (2-2)**

The Staff

Methods and materials for teaching (1) recreational dance—folk, square, and social dance; (2) individual and dual sports—tennis, golf, archery, swimming, badminton, bowling. Locker and towel fee,\* \$2 a term. Mon. and Wed., 1:10 to 3:00 P.M.

**47 *Introduction to Physical Education* (2)**

Myers

An orientation course presenting the problems of physical education, vocational analysis, scientific foundations, and scope of field. Tues. and Thurs., 11:10 A.M.

\* The locker and towel fee is required for registration in one or more of the activity courses.



- 48 *Introduction to Recreation* (2) Myers  
The role of recreation in modern living; current practices in community recreation work; standards of training, experience, and salary; types of leadership. Time to be arranged.
- 49 *Human Anatomy* (3) Tate  
The structure of the human body. Basic course for physical education majors. Also open to both men and women not majoring in physical education. Prerequisite: Biology 1-2 or Zoology 1-2. Mon., Wed., and Fri., 9:10 A.M.
- 50 *Kinesiology* (3) Tate  
A study of the anatomical mechanism of movement, analysis of the action of muscles in physical education activities. Prerequisite: an approved course in anatomy. Morning.
- 51-52 *Physical Education in the Elementary School* (2-2)  
Physical growth and development of the child and adolescent. Survey of age characteristics and organization of physical education activities for the various age levels in elementary school, playground, and settlement house programs. Methods and materials of tumbling, games, rhythms, and self-testing activities. Tues. and Thurs., 5:10 P.M.
- 58 *First Aid and Care of Athletic Injuries* (2) Myers, Lawrence  
Prevention and emergency care of injuries of all types, with special reference to first aid, bandaging, and massage. A practical course. Prerequisite: Biology 1-2 or Zoology 1-2. Afternoon.
- SECOND GROUP
- 103 *History and Principles of Physical Education* (3) Atwell  
Survey of history as it relates to contemporary physical education. Study of aims, objectives, and philosophy of physical education. Mon., Wed., and Fri., 9:10 A.M.
- 105-6 *Corrective Physical Education and Physical Examinations* (3-3) Lawrence  
Cause and correction of faulty body mechanics, physical examination methods for the diagnosis of postural defects, prescription of exercises and program adaptation. Prerequisite: Biology 1-2 or Zoology 1-2. Mon., Wed., and Fri., 10:10 A.M.
- 109-10 *Leadership Organization in the Intramural Program* (2-2) Krupa  
Principles of administration, organization, and supervision of intramural activities in the physical education program of the junior high school, senior high school, and college. Tues. and Thurs., 12:10 P.M.
- 113-14 *Methods and Practice in Teaching Physical Education Activities* (2-2) The Staff  
Principles and methods applied to learning and teaching physical education activities. Supervised laboratory. Time to be arranged.

- 115-16 Methods of Teaching Physical Education Activities for Secondary Schools II (2-2)** The Staff  
Locker and towel fee,\* \$2 a term. Section A (women): modern dance; team sports—field hockey, basketball, softball, soccer, speedball, volleyball. Afternoon. Section A—(women): Time to be arranged. Section B (men): Sports—football, basketball, baseball, track and field. Mon. and Wed., 1:30 to 3:00 P.M.
- 121 School and Community Health Programs (3)** Lawrence  
Health services, healthful environment, health instruction, sources of material for general health knowledge. Prerequisite: Biology 1-2 or Zoology 1-2. Mon., Wed., and Fri., 11:10 A.M.
- 122 Methods and Materials of Health Education (3)**  
Organization and presentation of health materials for each age level. Prerequisite: Biology 1-2 or Zoology 1-2. Morning.
- 131 Tests and Measurements in Physical Education (3)** Atwell  
Critical survey of tests in physical activities, methods of test construction, elementary statistics. Tues. and Thurs., 8:30 to 10:00 A.M.
- 132 Camp Leadership (1)**  
Survey course in camp counseling. Afternoon.
- 133-34 Observation and Practice Teaching (3-3)** Atwell, Myers  
Assignments are made to schools in Washington and the vicinity. Practice teaching fee, \$8 a credit hour. Time to be arranged.
- 136 Survey of Dance History and Dance Forms (3)** Burtner  
The development of dance from primitive ritual to present day recreational and art forms of the dance. Includes ethnologic dance, practice and discussion of fundamental movement techniques and composition. Evening.
- 138 Organization and Administration of Physical Education (3)** Atwell, Myers  
Organization and administration of physical education programs in elementary and secondary schools and in colleges. Study of plants, fields, equipment, and programs. Morning.
- 151-52 Group Leadership Activities I (3-3)**  
Fall term: groups and their significance, group work principles and methods, professional and volunteer leaders, organization and development programs. Spring term: application to social-recreational activities. 1951-52 and alternate years, evening.
- 153-54 Group Leadership Activities II (3-3)**  
Fall term: organization and direction of physical recreation programs. Spring term: organization and direction of special recreational activities, such as arts and crafts, dramatics, group singing, and nature walks. 1952-53 and alternate years, Tues., 7:35 to 9:35 P.M.

\* The locker and towel fee is required for registration in one or more of the activity courses.

161 *Community Organization for Recreation* (3) Brightbill  
Resources, principles, and methods in organizing community recreation  
services. 1952-53 and alternate years, Thurs., 7:35 to 9:35 P.M.

162 *Administration and Supervision of Recreation* (3) Brightbill  
Factors and problems in administering recreation including surveys,  
legislation, program, area, facilities, leadership, finance, and public  
relations. 1951-52 and alternate years, Thurs., 7:35 to 9:35 P.M.

## THIRD GROUP

211 *Problems in Physical Education* (3) Morgan  
For experienced teachers. Organization, supervision, and curriculum  
problems growing out of current issues; program planning policies;  
competition. 1952-53 and alternate years, Wed., 7:35 to 9:35 P.M.

220 *Problems in Health Education* (3) Kilander, Maxwell  
Health needs; policies and program planning; use of community re-  
sources; promising practices in the field. 1952-53 and alternate years,  
Wed., 7:35 to 9:35 P.M.

231 *Evaluation in Physical Education* (3) Phillips  
Planning the evaluation program; review of outcomes; analysis of  
tests and standards; administration and interpretation of tests; guid-  
ance. 1951-52 and alternate years, Wed., 7:35 to 9:35 P.M.

240 *Physical Education for the Atypical* (3) Morgan  
Adaptations of activities to meet the special needs of students with  
physical disabilities resulting from such conditions as postural devi-  
ations, cardiac irregularities, operations, and poliomyelitis. 1951-52  
and alternate years, Wed., 7:35 to 9:35 P.M.

## SCHEDULE OF EVENING AND SATURDAY CLASSES

## FALL TERM 1951-52

- Monday Evening 7:10 to 9:10  
Education 217 Contemporary Problems in Education  
Education 279 Adult Education
- Tuesday Evening 7:35 to 9:35  
Psychology 129 Introduction to Counseling and Guidance (T 6:10-8:50)  
Education 213 History of Education  
Psychology 223 Seminar: Learning  
Education 230x Administration of Elementary Education  
Education 231 Secondary School Classroom Procedures  
Psychology 231 Test Construction  
Education 247 Vocational Education
- Wednesday Evening 7:10 to 9:00  
Education 127 Children's Literature  
Education 205 The Curriculum  
Education 259 Secondary School Management



- Wednesday Evening 7:35 to 9:35  
 Physical Education 231 Evaluation in Physical Education  
 Psychology 229 Seminar: Occupational and Educational Information (8:10-10:00)
- Thursday 7:35 to 9:35  
 Education 263 Employee Training  
 Physical Education 162 Administration and Supervision of Recreation
- Friday Evening 7:10 to 9:10  
 Education 251 Guidance in Secondary Schools
- Saturday Morning 9:10 to 11:00  
 Education 123 Reading Problems  
 Education 227 Elementary Education  
 Education 271 The American School System (to 11:10)
- Saturday Morning 10:10 to 12:00  
 Psychology 225 Seminar: Mental Hygiene
- Saturday 11:10 to 1:00  
 Education 209 Child Growth and Development (to 1:10)  
 Education 233 Audio-visual Education (lecture)  
 Education 233x laboratory (Sat. 1:30 to 3:30)  
 Education 255 Secondary Education

#### SPRING TERM 1951-52

- Monday Evening 5:10 to 7:00  
 Education 140 Teaching Mathematics
- Monday Evening 7:10 to 9:10  
 Education 138 Teaching Social Studies  
 Education 218 Contemporary Problems in Education
- Tuesday Evening 5:10 to 7:10  
 Education 146 Teaching Foreign Languages
- Tuesday Evening 7:35 to 9:35  
 Education 136 Teaching English  
 Education 214 History of Education  
 Education 248 Vocational Education
- Wednesday 7:10 to 9:00  
 Education 206 The Curriculum  
 Education 260 Secondary School Management  
 Physical Education 240 Physical Education of the Atypical (7:35-9:35)
- Thursday Evening 5:10 to 7:00  
 Education 144 Teaching Science
- Thursday Evening 7:35 to 9:35  
 Education 211x Evaluation in Education  
 Psychology 227x Seminar: Counseling and Guidance (to 9:25)  
 Education 264 Employee Training  
 Education 278 School Law

**Saturday Morning 9:10 to 11:00**

Education 124 Reading Problems

Education 228 Elementary Education

Education 272 The Teacher and School Supervision (to 11:10)

**Saturday Morning 11:10 to 1:00**

Education 210 Child Growth and Development

Education 256 Secondary Education

Education 288 Clinical Study of Reading Problems (to 1:10)





THE  
GEORGE  
WASHINGTON  
UNIVERSITY

BULLETIN

---

THE SCHOOL OF GOVERNMENT

THE DEGREE OF  
DOCTOR OF BUSINESS ADMINISTRATION



WASHINGTON, D. C.



THE SCHOOL OF GOVERNMENT

---

THE DEGREE OF  
DOCTOR OF BUSINESS ADMINISTRATION





THE DEGREE OF DOCTOR  
OF BUSINESS ADMINISTRATION  
THE GEORGE WASHINGTON  
UNIVERSITY

SCHOOL OF GOVERNMENT

THE SCHOOL OF GOVERNMENT of The George Washington University offers a program of advanced study and research leading to the degree of Doctor of Business Administration. This program, which trains for a professional career in business administration and business economics, consists in the mastery of fields of

learning and the successful completion of a research project.

The program for the degree of Doctor of Business Administration is under the general supervision of the Committee on Doctoral Studies, composed of representatives of the departments of Accounting, Business Administration, Economics, and Statistics, as well as the Dean and Assistant Dean of the School of Government, *ex officio*, with the Dean as Chairman.

#### ADMISSION REQUIREMENTS AND PROCEDURE

A PROSPECTIVE STUDENT seeking admission to study for the degree of Doctor of Business Administration must have adequate preparation for advanced study, including the Master's degree or the equivalent, together with acceptable personal qualities and a promise of capacity for creative scholarship. Previous graduate study should be in the same general field of learning in which the student proposes to undertake his doctoral program. Degrees acceptable for admission include Master of Arts in Business Administration, Master of Business Administration, or Master of Arts in a related field, such as Economics.

The applicant must have capabilities and inter-



ests beyond the ability to assimilate organized materials in formal courses of instruction. Originality of mind combined with balanced judgment and accuracy in observation or research are vital.

Each applicant will be required to demonstrate his knowledge of the principles of accounting and statistics. At the time of admission, the applicant may prove his knowledge of these subjects by submitting evidence of fifteen acceptable credits of accounting and nine acceptable credits of statistics. If he has not had the minimum number of acceptable credits in these subjects, the applicant will be required to qualify by means of examination. Such examinations will be scheduled shortly after registration each term. Applicants must qualify during the first or second term following admission to study.

The applicant first arranges for an interview with the Chairman of the Committee on Doctoral Studies, during which the applicant's central interest and the School's facilities in that field are discussed. The Chairman then may arrange for an interview between the applicant and the professor concerned with the proposed field of specialization for the purpose of determining the applicant's special qualifications and the possibilities of a satisfactory doctoral program. With

the approval of the professor an application form is filled out, and the applicant requests that transcripts of all previous academic records, together with a report of the Graduate Record Examination, be sent to the Director of Admissions for evaluation. The application itself, together with letters of recommendation or evaluation from competent persons who can speak intimately of his previous work, will be filed with the Director of Admissions. The Committee on Doctoral Studies decides whether or not to admit the applicant. At its discretion correspondence satisfying substantially the requirements set forth may take the place of the interviews.

If the Council recommends the admission of the applicant, the Chairman will then appoint an adviser to supervise the applicant's preparation for the examinations in the various fields.

#### STUDY FOR THE GENERAL EXAMINATIONS

THE DISCIPLINE for the degree is divided into two stages. The first consists in preparation for the General Examination. The second stage, which is composed of research and investigation of a particular project in a special field and the presentation of such research in a dissertation, culminates in the final examination.

At the time of admission, the Committee on Doctoral Studies, in consultation with the applicant, decides upon six fields of study considered necessary to insure his breadth of knowledge and general competence, as well as to support the dissertation project in his central field. These supporting fields of study, six in number, are more inclusive in scope and detail than courses of instruction, although course work is required as part of the preparation for them. Required of every candidate are two fields:

Economic Theory  
Business and Economic History

Four additional fields will be chosen by the Committee for each applicant from the following:

Accounting Theory  
Business Cycles  
Business and Economic Statistics  
Business Finance  
Marketing  
Money and Banking  
National Income  
Organization and Management  
Personnel Management  
Public Administration  
Risk and Risk Bearing  
Transportation and Traffic Management



Additional fields may be added to this list. Each of the chosen fields becomes part of the General Examination, the purpose of which is to test the student's breadth of knowledge and intellectual ability in the six fields. In the General Examination one day is allotted to each field; the entire examination must be completed within a two week period. Applicants must pass in each field before being eligible for candidacy, and supplemental oral examinations may be given at the discretion of the Examining Committee. The case of any applicant failing in one or more fields will be referred to the Committee on Doctoral Studies for discretionary action.

As part of the preparation for the General Examination, each applicant will be required to take a minimum of thirty credits in graduate courses. In special cases at the discretion of the Council, transfer credits may be substituted for a part of this requirement.

#### RESEARCH, THE DISSERTATION, AND THE FINAL EXAMINATION

**W**HEN THE APPLICANT, upon passing the General Examination, is accepted as a candidate for the degree of Doctor of Business Administration, the Committee designates a

Master in Research to guide him in his research and the preparation of his dissertation. From that time and until his dissertation is completed, the candidate is responsible primarily to his Master in Research. The Master in Research directs the candidate in the investigation of a problem in his chosen field and in the presentation of the results in a dissertation. Upon the approval by the Master in Research the dissertation is presented to the Committee.

The dissertation is required of all candidates for the doctoral degree as evidence of ability to perform scholarly research and to interpret its results. Three typewritten copies are submitted to the Chairman of the Council with the written approval of the Master in Research before the candidate is eligible for his final examination. An abstract (about 300 words) and a summary (about 3,000 words) are also submitted. The abstract appears in the announcement of the final examination. The summary is published in a periodical volume by the University for distribution to other institutions and libraries. The three copies of the dissertation are bound and placed in the University library for reference and circulation.

The final examination is oral. The candidate must demonstrate a mastery of his special field

of interest and of the materials and techniques used in the research project. The Dissertation Committee appointed by the Chairman of the Committee includes not only members of the Faculty competent in the research field or in closely related subjects, but also at least two experts from other universities or research institutions. The Master in charge of the candidate's study and investigation may not vote on the candidate's examination, but serves as an advocate in the discussion of his scholarship and research ability. The examination is announced in advance and is public.

If the candidate satisfies the Dissertation Committee concerning the quality and originality of his contribution to knowledge as well as his mastery of the scholarship and research techniques of his field, he is favorably reported to the Committee on Doctoral Studies. If approved, he is nominated by the Committee to the Board of Trustees of the University for the degree of Doctor of Business Administration.

#### PURPOSE OF THE PROGRAM

**T**HE PROGRAM for the degree of Doctor of Business Administration is intended to produce graduates who possess knowledge at the



highest level of business institutions, who have a mastery of the techniques of analysis and research, and who have demonstrated their powers of conducting independent research of high quality. The program, however, is more than advanced training in business administration in that it provides for the acquisition of knowledge of the role which business plays in the social organism as a whole. Thus the history of business and the economic complex in which business has developed are part of the program of studies, as is economic theory, to give insight into the broader economic forces affecting business. Graduates with the degree of Doctor of Business Administration are qualified to teach at the college level in the fields of business administration and business economics, to conduct independent business research, and to hold positions of responsibility in business and government.

#### RESIDENCE AND PART-TIME STUDY

THE SCHOOL OF GOVERNMENT expects all students to work on their doctoral programs in residence. The minimum residence requirement is two academic years. The first year of residence is designed to prepare the applicant for candidacy. The second year of residence is

spent in the preparation of the dissertation. In no case may work toward the degree extend over more than five academic years.

An employed student may be admitted to part-time study, especially when his employment activity is related to his field of scholarly interest. To insure the completion of an effective program within the five-year period, the Committee on Doctoral Studies may, before recommending his admission, require that the applicant agree to perform part of his work in full-time residence.

## DETAILED INFORMATION CONCERNING PROCEDURES AND REGULATIONS FOR STUDENTS

### TUITION AND FEES

THE TUITION CHARGE for work leading to and including the General Examination is \$420. This charge is for guidance, instruction, and general supervision, and entitles the applicant to the use of the facilities of the University, including attendance in courses. This charge may be prorated in the case of a student carrying a part-time schedule. When the student has paid this amount in full, he is subject to no further tuition charges until he begins his research work.

The tuition charge for research work leading to and including the final examination is \$420. This also may be prorated.

A candidate who successfully passes his final examination is required to pay a fee of \$75 for the printing of the summary and the binding of the three copies of the dissertation.

The graduation fee of the candidate for the degree of Doctor of Business Administration is \$20. The graduate receives as his personal property the University doctoral hood which is conferred at Commencement.



The University residence charge of \$14 is required each term of all students who continue their programs of study or research beyond the period covered by the payment of tuition. This charge is also required each term of students who are on leave of absence and who wish to preserve their advanced status under the School. If this charge is not paid, the student's status in the School is disrupted and he must apply for re-admission in order to continue for the degree.

#### ADMISSION

1. There is no fixed date on the University calendar for the admission and initial registration of doctoral students under the Committee on Doctoral Studies. It is desirable, but not required, that students begin graduate study early in the term. Preliminary interviews with the Chairman of the Committee and with the professor of the major field may be arranged at any time. The Committee, however, cannot meet to consider applications during the regular registration periods when members of the Faculty have other academic duties. Prospective students are advised to apply well in advance of the term in which they wish to begin their studies, because the necessary interviews and committee consultations

require more time than registration for courses in other divisions of the University.

2. Before making formal application for admission to doctoral study, the applicant meets with the Chairman of the Committee when this is possible, and also with the professor in charge of the field of major interest.

3. If the School has the facilities necessary for the applicant's desired program and the Chairman and professor approve, the application form is completed and filed with the Chairman of the Committee on Doctoral Studies.

4. The applicant then demonstrates his knowledge of the principles of accounting and statistics.

5. The applicant must request that transcripts of previous academic records be sent direct to the Director of Admissions from all colleges and universities at which he has studied, together with the report of the Graduate Record Examination. Publications or papers relating to his scholarly interests should also be submitted.

6. After receipt of transcripts and other data necessary for admission, the Chairman of the Committee on Doctoral Studies consults with the Committee which meets with the applicant and considers his qualifications for doctoral study.

7. The Committee may require qualifying tests or further study in courses of instruction before making recommendation for admission.

8. The Committee considers the material submitted by the applicant with the research field and the program of supporting fields of study clearly specified. When admission is approved by the Committee, the student pays his first unit of tuition and begins his resident study under the guidance of his adviser.

#### STUDY FOR THE GENERAL EXAMINATIONS

1. The student may undertake his study on full or part-time schedule, in accordance with the specified program set up by his adviser. The General Examination must be taken within a maximum of three years after the student is admitted.

2. The services of the student's adviser are continuously available for academic guidance and conference during the period of preparation. Detailed information about the content and scope of the fields of study is given to the student in these conferences. He is expected to make frequent reports to his adviser concerning his progress.



3. Any change of program or fields of study assigned for the General Examination must be recommended by the student's adviser and submitted to the Committee for approval.

4. The student is required to register promptly at the beginning of each regular term; even when granted leave of absence he must register and pay the University residence charge. Failure to maintain continuous registration discontinues his program under the Committee, and to resume his work he must apply for readmission under whatever new conditions may be set by his committee.

5. Each student is required to take a minimum of thirty credits of graduate work as part of his preparation for the General Examination. This work is designated by the Committee and the adviser, in consultation with the student.

6. The Summer Sessions are an integral part of the University's educational program, and doctoral study during the summer may proceed in those fields approved by the student's adviser.

7. The student should apply for his General Examination with the approval of his adviser. It is assumed that the adviser has information as to his general preparation, and recommends only in his interest. The student, however, has the right to apply for examination even though the adviser may urge postponement.

8. The student who fails to pass the General Examination is usually advised to discontinue his work. In some cases a special reexamination may be ordered by the Chairman of the Committee upon the recommendation of the Examining Committee.

#### RESEARCH, DISSERTATION, AND FINAL EXAMINATION

1. After the student is informed that he has passed the General Examination, he applies to the Committee on Doctoral Studies for the appointment of a Master in Research.
2. The report of the Examining Committee and the application for research direction, approved by the adviser are presented to the Committee and the student is admitted to candidacy.
3. The candidate then registers for his resident research work and pays the second unit of tuition.
4. The candidate is required to submit to the Chairman of the Committee the title of his dissertation, approved by the Master in Research, at least one full term before his graduation.
5. The candidate is expected to arrange with his Master in Research for the presentation of

his project at a general open meeting of the Committee before the final writing of the dissertation.

6. Detailed information concerning the required style and form of the dissertation, the summary, and the abstract is obtained from the Chairman of the Committee.

7. When the dissertation is completed, three copies with the written approval of the Master in Research are delivered to the Chairman of the Committee, and the date of the final examination is arranged. At least one month is required after the dissertation is received for the appointment of the examiners, reading of the dissertation, and printing and distributing the announcement of the final examination.





THE  
GEORGE  
WASHINGTON  
UNIVERSITY

BULLETIN

---

THE PHYSIOLOGY OF THE UNIVERSITY

by

ROBERT WHITNEY BOLWELL



WASHINGTON, D. C.





## THE PHYSIOLOGY OF THE UNIVERSITY\*

As a member of this faculty for more than 30 years, I have attended some 82 University commencement convocations, and have watched something like 43,000 students receive their degrees. I have, here and elsewhere, listened to nearly 100 addresses to graduating classes. These statistics, combined with the generous courtesy of giving me, as a teacher, the unusual privilege of this rostrum tonight, have made me feel that at long last I can run free. But in spite of this rare opportunity to kick over the traces and enjoy my own brand of wild oats at this commencement, you have a well-trained horse in the reins, who knows just where he should go, and also, from long association with his colleagues, just how fast he should gallop to his point.

Commencement addresses are part of an academic tradition, and there are conventional decencies to be observed. We must comment on the courses of studies you have completed, the value of the diploma you have won, the battle of life you will begin after you have left

---

\* Convocation address delivered February 22, 1952, by Robert Whitney Bolwell, Ph.D., Professor of American Literature, The George Washington University.

these walls; and of course and in all sincerity wish you God-speed.

But such remarks should not give the impression that you have been living secluded in a monastery, that you are now leaving a sanctuary and are being pushed into a harsh conflict armed only with the equipment for survival which we have been giving you. We know better than that. We know that many of our students have already fought in bitter and actual battles, and that many have already met the various enemies which all must fight who win the good life; and that no one can study in our Washington environment and be ignorant of the way the world is turning.

Through the instruction which you have mastered, and from which you are now graduating, you have received from the general colleges and on up through the professional schools, information and knowledge, and also skills and techniques for their application. But this is only training; you have not been educated unless through the discipline you have accepted, there has been some growth within you toward a character and a wisdom which we cannot routinely teach. You must have taught many things to your own person before you are educated. We teachers enjoy participating in this personal proc-

ess; but, like diamond cutters, we can only file, scrape, cut, and polish; we cannot make the essential material.

Now that you no longer are attending classes, taking examinations, or re-writing theses for us, I'd like to bury the hatchet (if you ever thought one existed) and describe the University of which you must continue to be a vital part,—in terms which you formerly might not have noticed.

We here on the platform—trustees, administration, and faculty—have joined with you during your study here, in a very serious creative effort. To produce a university graduate isn't just a game in which we do most of the pitching and you the catching. Nor, in my attitude toward you, is this a farewell party of pleasant leave-taking. I wish most to say tonight that you are now joining the University in a more significant type of membership, instead of leaving it.

Some of the finest essays in our literature have been written on the idea of a university. All these statements of educational ideals combine to express our highest conception of civilized man in relation to his fellows. All of us who have labored in this field, at any university and



at any time, hold far larger areas of agreement than disagreement concerning these ideals. Our differences, lustily expressed in endless debate, are much less than our common assumptions.

I observe that a member of any group of university personnel in speaking of the institution, talks naturally of it as his University. I ask "whose University is this?" My introduction to President Marvin nearly 25 years ago consisted of my pounding his table and asserting that this was *my* University more than *his*, because I had then put 6 years of my life into it, as compared with his 6 days. (During the past 25 years of his service here, he has more than caught up with me in this human investment.) I wasn't rebuked for my ardor, because I think he felt then what I want to say to you now. Each group in the fabric of a university—the Trustees, the President and members of his administrative staffs, the faculty, the students (in and out of their classrooms), the alumni, and the friends who support the ideals of its program—each of these must regard it as *his own* University with a deep sense of belonging and responsibility, in order that each may perform a healthy function for the good of the whole.

In the physiology of the University there must be function in all organs; there must be inter-

related activity, change, and growth; but all this vitality must also produce organic unity. Each part knows its own function, but also it should understand the function of all other parts. The essential purpose and ideal of university education is constant, but processes often need changing. Vitality depends upon metabolism; new cells must replace the old.

To me, the affairs of a healthy university are always at a crisis. As individual persons we may desire stability, a peaceful continuance of some good thing; but as parts of a vital institution we respond to the laws of growth. Some of us have functioned under a quarter-century of the present leadership of our University. We have seen plenty of metabolism. We have grown through the incidents of college and professional school accreditations; the recognition of national honor and professional societies; the reorganization of curricula in every sector of instruction and research; the creation of new schools and divisions with the addition of new majors and degrees; the acquisition of endowment and generous gifts and the establishment of financial security; the physical metabolism of tearing down old housing and the slow building of an adequate plant; the service of research and educated manpower in war and peace; and best of all the production of scores of thousands of grad-

uates in all branches of university training as our contribution to American society.

This is not the occasion for the celebration of President Marvin's 25th anniversary. That will come later. But he has said that the vitality of our University in his quarter-century does not come from one of its parts alone; it has been through the labors of many people working together; some of whom are now retired, and some dead.

The University faculty has certainly been in function during the years of my membership. We have been reforming ourselves in almost every meeting. In addition to our individual jobs of learning and teaching, of personal growth and touching the minds of students who flow constantly through our classes, we have the vital habit of being *unsatisfied*. Every aspect of the academic process is under criticism and readjustment, from admission standards, through all course and degree requirements, to resurveys even of ultimate educational objectives. On every faculty desk is a committee report to be considered, and yet another being written.

But the University's operation is not ended with this annual output of its graduates. I insist that it is still *your* University as much as *mine*,



even after you leave the campus tonight. Its boundaries are not a few city squares in Washington, but extend to wherever you go. Its work is not judged alone by the preparation we have created together in our relation of teachers and students, but in the educated and civilized activities which you as part of our membership will perform throughout your moment in history. You are taking the essential meaning and value of The George Washington University into the life of your day; it lives only as you, its alumni, will live.

I don't think I have here spoken a new thought, or with novelty told you anything you didn't know. This is merely my version of a creed which must always be recited at graduation time. The underlying articles of faith in what we have done together, I know we all hold in common. We have learned them together. We have derived them from the permanent ideals of our civilization. We should keep them in function as fellow members of a University wherever our lives are lived.



THE GEORGE WASHINGTON UNIVERSITY  
WASHINGTON, D. C.

Report of the Comptroller  
FOR THE YEAR ENDED  
AUGUST 31, 1951



# INDEX OF LOAN, ENDOWMENT, AND PLANT FUNDS

Acker.....	85	King Fellowship.....	87
Alumni Unrestricted Endowment.....	85	Knapp.....	93
Alumni Professorship.....	87	Kulibank.....	91
Andrews.....	92	Larner.....	97
Bartsch.....	92	Law School Expansion.....	98
Borden.....	88	Lewis.....	89
Brown.....	93	Library Books.....	98
Burns.....	96	Meyer Library.....	91
Burton.....	90	Morehouse.....	94
Campaign.....	85	National Park Seminary.....	91
Carr.....	92	Noyes Library.....	91
Carroll.....	87	Ordonaux.....	97
Carter, H. H.....	92	Pairo.....	99
Carter, M. M.....	93	Pearson.....	94
Chamberlin.....	90	Powell.....	95
Chapman.....	93	Rankin.....	88
College Women's.....	88	Reichelderfer.....	86
Collins.....	93	Reinhardt.....	91
Columbian Women Funds.....	87	Reserves for Protection of Investments.....	97
Congressional.....	89	Consolidated Endowment.....	99
Cooper.....	85	Consolidated Plant.....	97
Corcoran.....	96	Scottish Rite.....	97
Cowles.....	96	Ruggles.....	86
Croissant.....	96	Sanders Unrestricted Endowment.....	87
Cutter.....	90	Sanders Fellowship.....	87
D. C.—D. A. R. Endowment.....	84	School of Engineering Building.....	99
D. C.—D. A. R. Loan.....	85	School of Medicine Endowment.....	89
Davis Unrestricted Endowment.....	96		
Davis Prize.....	96		
Davis Scholarship.....	94		

Depew.....	87	School of Medicine Building.....	99
Dorsey.....	94	Scottish Rite.....	88
Elton.....	87	Sharpe.....	89
Eppley.....	89	Shepard.....	95
Essary.....	96	Sothorn.....	86
Evans.....	96	Spencer.....	95
Farnham.....	94	Staughton-Elton.....	97
Field House.....	98	Sterrett.....	97
Fitch.....	96	Stone.....	95
Founders of Columbian Women.....	93	Subscription Gifts.....	86
Fry.....	87	Sutherland.....	84
Gardner.....	89	Swisher Alcoe Book.....	91
General Hospital.....	90	Swisher Prize.....	97
George Washington Law Association Loan.....	84	Swisher Scholarship.....	95
George Washington Memorial.....	98	Syms.....	86
Gibbs.....	89	Teller.....	86
Gladstone Library.....	91	Tree.....	91
Goddard Endowment.....	85	Trustees.....	86
Goddard Prize.....	96	University Loan.....	84
Graduate.....	90	Walker.....	95
Haggett.....	85	Walsh.....	97
Hampel.....	94	War Loan.....	84
Harris.....	84	Weddell Unrestricted Endowment.....	86
Harvey.....	94	Weddell Prize.....	97
Hazelton.....	94	Willard Association.....	86
Herron.....	93	Wilson.....	93
Home Economics Loan.....	84	Withers.....	86
Houser.....	90	Withington.....	95
Howard Library.....	91	Women's Activities Building.....	99
Hubbard.....	97	Women's Board Gift Shop Equipment.....	99
Kellogg Loan.....	84	Woodbury.....	91
Kendall.....	94	Woodhull Unrestricted Endowment.....	86
Kimmel.....	90	Woodhull Scholarship.....	95
King Unrestricted Endowment.....	85	Yulee.....	87

## LETTER OF TRANSMITTAL

November 30, 1951

TO THE PRESIDENT AND THE BOARD OF TRUSTEES  
THE GEORGE WASHINGTON UNIVERSITY  
WASHINGTON, D. C.

GENTLEMEN:

I am submitting herewith the Report of the Comptroller of The George Washington University for the fiscal year ended August 31, 1951. This report is a review of the budget operations for the year and is based on the budget approved by the Board of Trustees of the University.

The accounts of the University are kept and its financial reports set up as far as practicable in conformity with the recommendations of the National Committee on Standard Reports for Institutions of Higher Education. Under that plan the funds of the University are classified in various fund groups, and the accounts and financial statements are set up to segregate clearly the assets and liabilities of each of these groups as indicated in the balance sheet, Exhibit A.

R. G. Rankin & Co. have examined the accounts of the University for the past year, and their certificate is submitted herewith. A condensed summary of the principal facts in the report is presented below and on succeeding pages, followed by detailed Exhibits and Schedules.

Respectfully submitted,  
HENRY W. HERZOG  
Comptroller



# CONDENSED SUMMARY CURRENT FUNDS—UNRESTRICTED

These Funds represent unrestricted assets which are available for immediate use in the current operation of the University.

Operating Income for the Year (Exhibit B and Schedule 1)	7,164,736.70
Operating Expense for the Year (Exhibit B and Schedule 2)	6,937,780.84
Excess of Current Operating Income over Current Operating Expense (Exhibit B)	<u>226,955.86</u>

The latter amount was added to Current Funds Unrestricted Surplus. Surplus at the end of the year amounted to \$243,249.19 (Exhibit B). During the year there was transferred from Surplus to Net Investment in Plant \$48,136.48 for the purchase of land and buildings, \$32,924.69 for the purchase of equipment, and \$9,631.16 for the reduction of trust notes payable.

Prepaid Expense of \$302,457.31 includes inventories of \$117,161.00 at the University and \$166,460.20 at the Hospital (Schedule 3).

Deferred Charges include \$62,311.77 net loss on the operation of the Hospital for the years 1947-48 through 1950-51, and \$207,918.73 representing Hospital Equipment purchased by the University in excess of the amount paid for from receipts of the Hospital Equipment Fund (Exhibit A). The latter item is fully explained on page 9.

Accounts Receivable in the amount of \$702,765.32 include \$180,495.83 due from the Veterans Administration under the "GI Bill of Rights," \$131,939.71 from research contracts, and \$468,964.29 due the Hospital (Schedule 3). Of this latter amount \$303,820.27 is due from patients still in the Hospital, and from Group Hospitalization and other agencies under contracts. The balance of \$165,065.02 represents doubtful and delinquent accounts against which a Provision for Doubtful Accounts of \$85,000 has been charged to current operations.

## CURRENT FUNDS—RESTRICTED

Research grants, investment income, gifts, and agency funds comprise these funds which consist of currently expendable assets, limited as to disposition (Exhibit C and Schedule 10).

During the year restricted gifts and grants for use as specified amounted to \$763,764.63 (page 82). Restricted endowments earned \$101,451.78. Unexpended Restricted and Agency Funds totaled \$313,790.30 (Exhibit C).

## LOAN FUNDS

For the assistance of students seeking financial aid, loan funds have been established by the University and other organizations (Schedule 11). Loans are made at a low rate of interest and when repaid the interest is added to the principal of the funds.

During the year, 259 loans were made to students. Loan Funds totaled \$37,025.68 (Exhibit D).

## ENDOWMENT FUNDS

The principal of all endowment funds amounted to \$3,099,697.33, an increase of \$182,656.58 (Exhibit E). These funds are represented by assets which, under the terms of wills, deeds of gift, or under the by-laws of the University, must be held in perpetual trust for income-producing purposes. The principal amount and changes during the year of every endowment fund are recorded in Schedule 12. A description of the funds begins on page 85.

"Consolidated Endowment Funds" consisted of ninety-six endowments with a total value of \$1,549,924.98 (Schedule 5—Page 2). The assets of these funds are combined to eliminate the possibility of partial or total loss of any fund through the failure of a specific investment, and to avoid temporary suspension of income and the carrying of uninvested small cash balances, and to give equality of treatment to all funds. Unless otherwise restricted by the donors, the assets of all new endowments are added to the assets of the Consolidated Endowment Funds.

Reserves for Protection of Investments were as follows: Consolidated Endowment Funds, \$76,550.46; Scottish Rite Fund, \$61,883.38 (Schedule 12—Page 3).

Earnings of Consolidated Endowment Funds are recorded in one income account and at the end of the year are distributed to the participating funds in the proportion each fund bears to the total of the entire group. The rate of return on the investments of these funds amounted to 5.1340% during the past year and, after deducting 10% as a reserve against losses (Schedule 12—Page 3), was distributed at the rate of 4.6206%.

The Scottish Rite Endowment Fund earned 4.3711% net income on its investments during the year just ended.

Net income of all endowment funds for the year was \$130,842.04 (Schedule 10—Page 5).

Pledges to the School of Medicine Endowment Fund on August 31, 1951, totaled \$168,214.00.

John O. Rankin, A. M. 12, who died April 7, 1951, bequeathed his estate to the University as an endowment fund, the income to be used toward the support of the School of Government. The estate, consisting primarily of 600 acres of land in Pemiscot County, Missouri, was appraised for inheritance tax purposes at \$241,729.42; taxes were \$43,432.35. Pending sale and final closing of the estate this fund has been conservatively estimated at \$150,000 (page 45).

## PLANT FUNDS—UNEXPENDED

Cash and other assets for development of the physical plant comprise these funds (Schedule 7). At the end of the year the balance was \$424,366.68. (Exhibit F.)

The Hospital Equipment Fund was created in 1945 by gifts of various donors and has since been increased by gifts and other income for the purchase of equipment for the new Hospital. A report of activity through August 31, 1951, follows:

Hospital Equipment purchased 1945-46 through 1949-50.....	1,122,866.73	
1950-51.....	<u>26,695.04</u>	1,149,561.77
Hospital Equipment Fund receipts 1945-46 through 1949-50.....	935,192.48	
1950-51 (Schedule 13).....	<u>6,450.56</u>	941,643.04
Hospital Equipment purchased in excess of receipts—Exhibit A.....		207,918.73

The latter amount is reported as a Deferred Charge under Current Funds Unrestricted in anticipation of further gifts to reimburse the University for the amount which has been advanced to meet this need. Unpaid pledges to the Hospital Equipment Fund totaled \$5,765.00.

The Reserve for Protection of Consolidated Plant Funds Investments ended the year with a balance of \$6,068.08 (Schedule 13).



### PLANT FUNDS—INVESTED IN PLANT

The investment in the physical plant of the University is as follows:

EXHIBITS A, B, AND G, SCHEDULES 8 AND 9	BALANCE AUGUST 31, 1950	NET ADDITIONS	REDUCTIONS	BALANCE AUGUST 31, 1951
LAND AND BUILDINGS.....	15,738,962.25	410,136.48	.....	16,149,098.73
EQUIPMENT.....	2,001,964.15	.....	4,355.32	1,997,608.83
TRUST NOTES PAYABLE.....	299,909.29	2,368.84	.....	302,278.13
NET INVESTMENT IN PLANT.....	17,441,017.11	403,412.32	.....	17,844,429.43

## AUDIT CERTIFICATE

November 30, 1951

TO THE PRESIDENT AND THE BOARD OF TRUSTEES  
THE GEORGE WASHINGTON UNIVERSITY  
WASHINGTON, D. C.

We have examined the balance sheet of THE GEORGE WASHINGTON UNIVERSITY as of August 31, 1951, and the related statements of current operating income and expense, current funds surplus, and other fund transactions for the fiscal year then ended. Our examination was made in accordance with generally accepted auditing standards, and accordingly included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances. It was not practicable to confirm receivables from United States Government Agencies, but we have applied other auditing procedures in verification of this asset.

In our opinion, the balance sheet and related statements of current operating income and expense, current funds surplus, and other fund transactions included in the accompanying REPORT OF THE COMPTROLLER OF THE UNIVERSITY, present fairly the financial position of THE GEORGE WASHINGTON UNIVERSITY as of August 31, 1951, and the results of its operations for the fiscal year then ended, in conformity with generally accepted principles of university and college accounting applied on a basis consistent with that of the preceding year.

R. G. RANKIN & Co.  
CERTIFIED PUBLIC ACCOUNTANTS

# THE GEORGE WASHINGTON UNIVERSITY

## BALANCE SHEET

August 31, 1951

### ASSETS

CASH.....	19,500.86
ACCOUNTS RECEIVABLE (Schedule 3).....	702,765.32
PREPAID EXPENSE (Schedule 3).....	302,457.31
DEFERRED CHARGES (Page 7)	
Hospital Deficit.....	62,311.77
Hospital Equipment.....	207,918.73
	<u>1,294,953.99</u>

CASH.....	259,500.30
INVENTORY—GIFT SHOP.....	4,290.00
U. S. A. SAVINGS BONDS Series G, 2½%, due 11-1-54...	50,000.00
	<u>313,790.30</u>

CASH.....	14,975.29
LOANS RECEIVABLE (Schedule 4)	22,050.39
	<u>37,025.68</u>

### LIABILITIES

#### CURRENT FUNDS

##### UNRESTRICTED

NOTES PAYABLE—Riggs National Bank. Due on or before No- vember 29, 1951. Interest 3%	900,000.00
ACCOUNTS PAYABLE.....	96,258.00
DEFERRED INCOME.....	55,446.80
SURPLUS (Exhibit B).....	243,249.19
	<u>1,294,953.99</u>

##### RESTRICTED

PRINCIPAL OF FUNDS (Exhibit C).....	313,790.30
-------------------------------------	------------

#### LOAN FUNDS

PRINCIPAL OF FUNDS (Exhibit D).....	37,025.68
-------------------------------------	-----------



### ENDOWMENT FUNDS

CASH.....	35,811.89	
INVESTMENTS (Schedule 5).....	2,725,996.47	
	2,761,808.36	
CONTROLLED BY OTHER TRUSTEES (Schedule 6).....	<u>337,888.97</u>	3,099,697.33
	3,099,697.33	

### PLANT FUNDS

UNEXPENDED		
CASH.....	21,793.86	
INVESTMENTS (Schedule 7).....	<u>402,572.72</u>	
	424,366.58	424,366.58
	424,366.58	

### INVESTED IN PLANT

LAND AND BUILDINGS (Schedule 8).....	16,149,098.73	
EQUIPMENT (Schedule 9).....	<u>1,997,608.83</u>	
	18,146,707.56	
	18,146,707.56	

TRUST NOTES PAYABLE (Schedule 8).....	302,278.13
NET INVESTMENT (Exhibit G)...	<u>17,844,429.43</u>
	18,146,707.56

TOTAL.....	<u>23,316,541.44</u>	
	23,316,541.44	

EXHIBIT A



# SUMMARY OF CURRENT FUNDS UNRESTRICTED SURPLUS

For the Year Ended August 31, 1951

BALANCE AUGUST 31, 1950. . . . . 460,914.87

## ADDITIONS

Excess of Current Operating Income over Current Operating Expense (see above) . . . . . 226,955.86  
 Deferred Charge—Hospital Equipment. To be recovered in subsequent years from gifts and other income. Cumulative balance reported on Exhibit A; explanation on page 9 . . . . . 20,244.48  
 Reimbursement for depreciation on hospital building and equipment (Exhibit G) . . . . . 174,000.00  
421,200.34  
882,115.21

## DEDUCTIONS

Reduction of Deferred Charge—Hospital Deficit by excess of Hospital Income over Hospital Expense. Cumulative balance reported on Exhibit A; explanation on page 7 . . . . . 138,173.69  
 Transferred to Net Investment in Plant—Exhibit G  
 Land and Buildings . . . . . 458,136.48  
 Equipment . . . . . 32,924.69  
 Reduction of Trust Notes Payable . . . . . 299,909.29  
 Trust Notes Payable August 31, 1950. . . . . 12,000.00  
 Trust Note assumed during year. . . . . 311,909.29  
302,278.13  
 Trust Notes Payable August 31, 1951. . . . . 9,631.16  
638,866.02

BALANCE AUGUST 31, 1951—EXHIBIT A. . . . . 243,249.19

EXHIBIT B



# SUMMARY OF CURRENT FUNDS RESTRICTED

For the Year Ended August 31, 1951

	TOTAL	ORGANIZED RESEARCH	INVESTMENT INCOME	MISCEL- LANEOUS	AGENCY
<b>BALANCE AUGUST 31, 1950.....</b>	<u>285,355.63</u>	<u>183,323.00</u>	<u>53,350.55</u>	<u>37,995.59</u>	<u>10,686.49</u>
<b>ADDITIONS (Schedule 10)</b>					
Gifts, grants, receipts.....	751,002.44	696,831.50	.....	54,170.94	.....
Investment income.....	141,086.94	.....	141,086.94	.....	30,716.41
Deposits.....	30,716.41	.....	.....	.....	.....
	<u>922,805.79</u>	<u>696,831.50</u>	<u>141,086.94</u>	<u>54,170.94</u>	<u>30,716.41</u>
<b>DEDUCTIONS (Schedule 10)</b>					
Salaries.....	434,111.06	434,111.06	.....	506.82	.....
Expense.....	268,905.64	268,998.82	.....	1,286.00	.....
Scholarships, fellowships.....	5,572.31	.....	4,286.31	246.30	.....
Prizes.....	1,434.80	.....	1,188.50	.....	.....
Transferred to.....	62.15	.....	62.15	.....	.....
Exhibit G—Net Investment in Plant.....	141,026.79	.....	117,493.90	23,532.89	.....
Schedule 1—Current Operating Income.....	231.03	.....	231.03	.....	.....
Schedule 11—Loan Funds.....	6,534.24	.....	6,534.24	.....	.....
Schedule 12—Endowment Funds.....	6,213.65	.....	6,213.65	.....	.....
Schedule 13—Plant Funds.....	422.75	.....	.....	422.75	29,856.70
Organized Research.....	29,856.70	.....	.....	.....	.....
Withdrawals.....	894,371.12	702,509.88	136,009.78	25,994.76	29,856.70
	<u>313,790.30</u>	<u>177,644.62</u>	<u>58,427.71</u>	<u>66,171.77</u>	<u>11,546.20</u>
<b>BALANCE AUGUST 31, 1951—EXHIBIT A.....</b>					

SUMMARY OF LOAN FUNDS PRINCIPAL  
For the Year Ended August 31, 1951

BALANCE AUGUST 31, 1950.....	37,289.00
ADDITIONS (Schedule 11)	
Income of D.C.—D.A.R. Endowment Fund.....	231.03
Interest on loans.....	<u>96.88</u>
	327.91
	<u>37,616.91</u>
DEDUCTION (Schedule 11)	
Refunded to United States Government.....	<u>591.23</u>
BALANCE AUGUST 31, 1951—EXHIBIT A.....	<u><u>37,025.68</u></u>

SUMMARY OF ENDOWMENT FUNDS PRINCIPAL

For the Year Ended August 31, 1951

BALANCE AUGUST 31, 1950..... 2,917,040.75

ADDITIONS (Schedule 12)

Gifts.....	163,252.00
Investment income.....	14,045.58
Net gain on sale of investments.....	<u>5,359.00</u>
	182,656.58

BALANCE AUGUST 31, 1951—EXHIBIT A..... 3,099,697.33



# SUMMARY OF PLANT FUNDS PRINCIPAL

For the Year Ended August 31, 1951

BALANCE AUGUST 31, 1950..... 293,141.64

## ADDITIONS (Schedule 13)

Gifts.....	132,129.06	
Investment income.....	<u>6,213.65</u>	138,342.71

## DEDUCTIONS (Schedule 13)

Equipment—Invested in Plant—Exhibit G.....	7,115.87	
Transferred to Restricted Funds—Schedule 10—Page 6.....	<u>1.90</u>	<u>7,117.77</u>

131,224.94

BALANCE AUGUST 31, 1951—EXHIBIT A.....

424,366.58

EXHIBIT F

# SUMMARY OF NET INVESTMENT IN PLANT For the Year Ended August 31, 1951

BALANCE AUGUST 31, 1950.....		17,441,017.11
<b>ADDITIONS</b>		
Land and Buildings (Schedule 8)		
Current Funds Unrestricted Surplus (Exhibit B).....	458,136.48	470,136.48
Trust Note Payable (Exhibit B).....	<u>12,000.00</u>	
<b>EQUIPMENT (Schedule 9)</b>		
Current Funds Unrestricted Surplus (Exhibit B).....	32,924.69	
Current Funds Restricted (Exhibit C).....	62.15	
Plant Funds (Exhibit F).....	7,115.87	
Departments (Schedule 2—Page 6).....	68,941.97	
Departments—1949-50.....	<u>600.00</u>	
		<u>109,644.68</u>
		579,781.16
		<u>18,020,798.27</u>
<b>DEDUCTIONS</b>		
Provision for Depreciation—Hospital (Schedules 2 and 8)—Exhibit B.....	60,000.00	
Provision for Depreciation—Hospital Equipment (Schedules 2 and 9)—Exhibit B..	<u>114,000.00</u>	174,000.00
Trust Note assumed during year (Exhibit B).....	12,000.00	
Reduction of Trust Notes Payable (Exhibit B).....	<u>9,631.16</u>	
		<u>2,368.84</u>
		176,368.84
BALANCE AUGUST 31, 1951—EXHIBIT A.....		<u>17,844,429.43</u>

SCHEDULES



CURRENT OPERATING INCOME  
For the Year Ended August 31, 1951

EDUCATIONAL AND GENERAL

STUDENT FEES

Tuition and Laboratory

Junior College.....	565,390.08
Columbian College.....	299,528.47
Graduate Council.....	28,043.00
School of Government.....	147,337.14
School of Special Students.....	136,673.39
"    University Students.....	230,913.37
	<u>1,407,885.45</u>

College of General Studies.....	101,927.67
Law School.....	301,018.73
School of Education.....	78,483.02
"    Engineering.....	147,204.87
"    Medicine.....	220,379.00
"    Pharmacy.....	20,731.61
	<u>869,744.90</u>
	<u>2,277,630.35</u>

Summer Sessions—Junior College.....

"    Columbian College.....	74,413.84
"    Graduate Council.....	57,724.25
"    School of Government.....	2,273.00
"    Division of Special Students.....	36,865.55
"    University Students.....	37,657.75
"    Law School.....	71,633.70
"    School of Education.....	70,192.40
"    "    Engineering.....	24,436.50
"    "    Pharmacy.....	14,349.74
	<u>681.00</u>
	<u>390,227.73</u>

590.21 2,668,448.29

Unallocated—Old Fees

Miscellaneous Fees

Application.....	31,216.00	
Aptitude Test.....	1,403.00	
Art Validation.....	37.50	
Binding Theses.....	740.00	
Breakage.....	165.60	
Graduation.....	41,710.00	
Late.....	1,045.00	
Library Fines.....	530.13	
Publication of Theses.....	850.00	
Reinstatement.....	945.00	
Service.....	1,574.00	
Special Examination.....	270.00	
Student Bar Association.....	5,498.00	
Transcript.....	1,674.15	
		<hr/>
	87,658.38	2,756,106.67

# CURRENT OPERATING INCOME (Continued)

For the Year Ended August 31, 1951

## EDUCATIONAL AND GENERAL (Continued)

GIFTS AND GRANTS FOR ORGANIZED RESEARCH (Schedule 10)		
Deferred from 1949-50.....	183,323.00	
Income 1950-51.....	696,831.50	880,154.50
Deferred to 1951-52.....		<u>177,644.62</u>
		702,509.88
INVESTMENT INCOME (Schedule 10)		
Endowment Funds—Unrestricted.....	29,390.26	
“ “ Restricted.....	82,685.95	112,076.21
Plant Funds—Restricted.....		<u>4,031.25</u>
		116,107.46
GIFTS		
Unrestricted (page 82).....		30.13
Restricted		
Schedule 10 (portion used)		
Bloedorn, Dr. Walter A.....	214.91	
Cullen, Frederick J.....	7.80	
D. C. Women's Pharmaceutical Auxiliary.....	38.57	
Freeman and Watts, Drs.....	600.00	
Markle Foundation.....	9,999.84	
National Speech Clinic Foundation.....	290.00	
Patent Foundation.....	<u>12,381.77</u>	
Other (page 82).....		23,532.89
		<u>11,520.84</u>
		35,083.86



MISCELLANEOUS SOURCES

Discounts Earned.....	5,007.97
Homecoming Celebration.....	1,651.24
Miscellaneous Income.....	3,007.33
Reading Clinic.....	2,630.00
Rent on Miscellaneous Properties—Net.....	50,907.63
Speech Clinic.....	2,972.25
Veterans Administration—Handling Fee.....	19,862.34

Student Activities

Athletic Programs.....	3,419.45	
Law Review.....	2,567.85	
University Players.....	2,800.80	
Student Council.....		
Cherry Tree (portion used).....	7,662.02	
Colonial Review (portion used).....	179.66	
Freshman Class (portion used).....	11.52	
Hatchet.....	6,350.65	
Miscellaneous.....	429.55	
Senior Class.....	160.75	
	<u>14,794.15</u>	<u>23,582.25</u>
		109,621.01

**CURRENT OPERATING INCOME (Continued)**  
For the Year Ended August 31, 1951

**EDUCATIONAL AND GENERAL (Continued)**

**ACTIVITIES RELATING TO INSTRUCTION—HOSPITAL**

Patients		
Room Charges	441,364.00	
Private Rooms	837,554.89	
Semi-Private Rooms	196,532.61	
Wards	91,001.50	1,566,453.00
Nurseries		
Special Service Departments		
Operating Rooms	164,397.75	
Delivery Rooms	85,302.25	
Anesthesiology—Anesthesia	204,970.00	
“Oxygen	31,336.80	
X-Ray	157,895.60	
Physical Medicine	88,085.60	
Laboratories—Tests	221,474.94	
“Pathology	30,585.10	
“Electrocardiographs	11,712.03	
Pharmacy	220,690.54	
Medical and Surgical Supplies—Supplies	106,277.10	
“Formula	2,880.50	
Baby Beds	3,379.00	
Electroencephalography	14,437.00	1,343,424.21
Out-Patient Department		
Clinic	42,918.82	
Emergency	20,557.59	
Ophthalmology	6,565.79	
Urology	9,727.15	
Surgery	5,088.30	84,857.65

Other Income		
Telephone.....	15,290.77	
Recovery on Bad Debts.....	<u>170.88</u>	
		15,461.65
		<u>3,010,196.51</u>
Less Deductions		
Allowances — Group Hospitalization.....	94,223.30	
" Hospital Service Agency.....	11,661.34	
" Health Department.....	4,704.65	
Discounts.....	6,115.72	
Free Work.....	31,816.53	
Miscellaneous.....	<u>9,846.12</u>	
	158,367.66	2,851,828.85
Other sources		
Cafeteria.....	97,900.96	
Special Duty Nurses.....	25,236.50	
Endowment Income (Schedule 10).....	1,386.44	
Gifts (page 82).....	<u>1,300.00</u>	
Laundry.....	662.25	
Medical Records Abstracts.....	504.30	
Ambulance Service.....	140.00	
Miscellaneous.....	<u>3,310.93</u>	
	130,441.38	2,982,270.23
ACTIVITIES RELATING TO INSTRUCTION—POST-GRADUATE MEDICAL EDUCATION		
Deferred from 1949-50.....	42,279.19	
Tuition.....	<u>6,627.25</u>	
Deferred to 1951-52.....		10,215.24
	48,906.44	
	<u>38,691.20</u>	



# CURRENT OPERATING INCOME (Continued) For the Year Ended August 31, 1951

## AUXILIARY ENTERPRISES

<b>RESIDENCE HALLS</b>		
Nurses Home—Everglades Apartments.....	16,302.08	
Strong Hall.....	31,126.70	
Veterans Housing.....	30,763.52	
Welling Hall.....	21,123.70	
2025 H Street, NW.....	<u>4,462.67</u>	103,778.67
<b>SORORITY HALLS</b>		
2112 G Street, NW.....	1,350.00	
2129 G Street, NW.....	<u>4,506.00</u>	
2131 G Street, NW.....	660.00	
802 21st Street, NW.....	<u>687.50</u>	7,203.50
<b>MISCELLANEOUS</b>		
Student Union Cafeteria—Commissions.....	15,793.13	
Student Union—Other.....	6,094.35	
Student Book Store—New Books.....	179,878.99	
"    "    Used Books.....	<u>11,852.99</u>	
Student Store.....	69,780.19	
Duplicating Bureau.....	283,399.65	
Lisner Auditorium.....	<u>4,143.84</u>	
Martha Washington Club.....	25,093.19	
Parking Lot.....	120.00	
Washington Counseling Center.....	<u>3,981.75</u>	
	25,101.75	
	<u>341,840.18</u>	452,822.35
<b>TOTAL—EXHIBIT B.....</b>		<u><u>7,164,736.70</u></u>

**CURRENT OPERATING EXPENSE**  
For the Year Ended August 31, 1951

EDUCATIONAL AND GENERAL	TOTAL	SALARIES	OTHER EXPENSE	EQUIPMENT EXHIBIT G
ADMINISTRATION AND GENERAL				
President's Office.....	49,555.56	37,717.36	11,838.20	
Vice President's Office.....	10,710.76	9,595.54	1,115.22	
Administrative Secretary's Office.....	57,593.13	35,256.36	22,336.77	
Comptroller's Office.....	116,062.95	98,823.75	17,239.20	
Business Manager's Office.....	118,923.29	49,143.90	53,612.87	16,166.52
Admissions Office.....	46,167.32	42,004.36	4,162.96	
Registrar's Office.....	51,395.60	43,144.31	8,251.29	
Activities for Men.....	18,322.13	14,519.87	3,802.26	
Activities for Women.....	11,171.76	10,243.92	927.84	
Adviser to Students from Foreign Countries.....	1,304.22	446.62	857.60	
Alumni Relations Office.....	14,280.85	11,968.71	2,312.14	
Public Relations Office.....	49,855.09	22,809.26	27,045.83	
Retirements.....	83,539.43	14,680.00	68,859.43	
University Chapels.....	1,989.65	1,007.00	982.65	
Veterans Administration.....	19,197.67	17,699.26	1,498.41	
Scientific Activities.....	1,412.31	1,175.04	70.49	166.78
Air Force R. O. T. C.....	500.00	500.00		
TOTAL—EXHIBIT B.....	<u>651,981.72</u>	<u>410,735.26</u>	<u>224,913.16</u>	<u>16,333.30</u>

# CURRENT OPERATING EXPENSE (Continued)

For the Year Ended August 31, 1951

## EDUCATIONAL AND GENERAL (Continued)

	TOTAL	SALARIES	OTHER EXPENSE	EQUIPMENT EXHIBIT G
INSTRUCTION				
Junior College.....	10,265.21	9,127.13	1,138.08	
Columbian College.....	3,742.75	3,208.79	533.96	
Graduate Council.....	5,575.61	2,776.92	2,798.69	
School of Government.....	6,591.29	5,137.51	1,453.78	
Division of Special Students.....	4,327.45	4,129.36	198.09	
" " University Students	10,286.21	9,679.42	606.79	
	<u>40,788.52</u>	<u>34,059.13</u>	<u>6,729.39</u>	
Accounting.....	19,235.50	19,135.50	100.00	69.43
Art.....	18,288.61	10,628.50	7,590.68	200.00
Biology.....	15,994.77	15,108.17	686.60	121.75
Botany.....	12,291.64	11,505.00	664.89	
Business Administration.....	25,229.38	25,130.99	98.39	659.02
Chemistry.....	66,805.69	57,587.22	8,559.45	
Classical Languages and Literature.....	<u>4,413.69</u>	<u>4,400.00</u>	<u>13.69</u>	



Economies.....	38,551.58	38,375.00	176.58
English.....	85,303.08	85,029.33	273.75
Foreign Affairs.....	2,340.00	2,340.00	
Foreign Service Review.....	6,638.50	5,660.25	978.25
Geography.....	14,896.69	14,030.00	576.35
Germanic Languages.....	18,273.72	18,230.00	43.72
Government and Economic Policy.....	900.00	900.00	
Graduate Council.....	3,223.74	1,100.00	2,123.74
History.....	49,651.59	49,285.00	241.59
Journalism.....	8,355.01	8,310.00	45.01
Mathematics.....	31,085.10	31,047.50	37.60
Philosophy.....	7,682.86	7,650.00	32.86
Physics.....	45,729.10	43,420.00	1,145.94
Political Science.....	36,043.48	35,889.00	154.48
Public Administration.....	3,973.75	3,973.75	
Psychology.....	41,403.28	40,671.67	537.00
Religion.....	8,620.91	8,600.00	20.91
Romance Languages.....	64,784.82	64,640.00	144.82
Secretarial Studies.....	3,451.67	3,240.00	211.67
Sociology.....	16,056.18	16,010.00	46.18
Speech.....	35,793.87	34,381.25	1,022.52
Statistics.....	18,682.41	18,566.25	116.16
Zoology.....	26,407.46	22,680.00	3,229.96
	<u>770,896.60</u>	<u>731,583.51</u>	<u>35,802.18</u>
			<u>3,510.91</u>

**CURRENT OPERATING EXPENSE (Continued)**  
For the Year Ended August 31, 1951

**EDUCATIONAL AND GENERAL (Continued)**

	<u>TOTAL</u>	<u>SALARIES</u>	<u>OTHER EXPENSE</u>	<u>EQUIPMENT EXHIBIT G</u>
<b>Instruction (Continued)</b>				
College of General Studies	24,711.16	18,706.02	5,270.64	734.50
Administration.....				
Instruction.....	29,086.50	29,086.50	3,976.37	853.34
General Studies.....	17,694.03	12,864.32	9,247.01	1,587.84
Air Force Course in Manpower Management.....	71,491.69	60,656.84		
<b>Law School</b>				
Administration.....	13,340.95	10,488.87	2,852.08	
Instruction.....	140,802.09	138,806.34	1,995.75	
Patent Law Foundation.....	12,381.77	4,999.92	7,381.85	
Law Review.....	11,540.17	1,944.38	9,595.79	
	178,064.98	156,239.51	21,825.47	
<b>School of Education</b>				
Administration.....	8,007.09	7,213.39	793.70	715.37
Instruction—Education.....	46,984.48	43,323.06	2,946.05	249.81
“ Home Economics.....	12,597.43	10,760.00	1,587.62	965.18
	67,589.00	61,296.45	5,327.37	
<b>School of Engineering</b>				
Administration.....	3,604.37	2,986.98	617.39	2,856.02
Instruction—Civil.....	34,026.92	30,608.81	562.09	751.84
“ Electrical.....	26,712.92	25,371.25	589.83	4,970.30
“ Mechanical.....	29,010.34	23,585.00	455.04	
“ Administration.....	8,299.92	8,299.92		
	101,654.47	90,851.96	2,224.35	8,578.16

School of Medicine

Administration .....	30,356.25	27,866.56	2,489.69	808.00
Anatomy .....	22,323.68	20,290.46	1,225.22	501.37
Bacteriology, Hygiene, and Preventive Medicine .....	25,785.97	24,183.68	1,100.92	230.87
Biochemistry .....	25,558.49	24,186.84	1,140.78	
Dermatology and Syphilology .....	1,512.71	1,450.00	62.71	
Lecturers and Exchange Professors .....	848.35	848.35		
Medicine .....	29,879.16	28,895.25	983.91	322.03
Neurology and Neurological Surgery .....	6,183.40	5,564.88	296.49	
Obstetrics and Gynecology .....	20,591.00	20,359.92	231.08	
Ophthalmology .....	1,974.43	1,675.00	299.43	
Oto-rhino-laryngology .....	84.30	.....	84.30	315.60
Pathology .....	22,048.99	20,926.50	806.89	
Pediatrics .....	11,180.80	11,028.17	152.63	352.20
Pharmacology .....	19,354.97	18,181.52	821.25	
Physical Medicine .....	3,099.96	3,099.96		
Physiology .....	24,185.72	22,599.84	1,480.41	105.47
Psychiatry .....	2,688.85	2,600.00	88.85	
Research—General .....	23,512.74	5,168.78	18,343.96	
Surgery .....	24,492.14	24,399.72	92.42	
Urology .....	1,425.46	1,300.00	125.46	
	<u>297,087.37</u>	<u>264,625.43</u>	<u>29,826.40</u>	<u>2,635.54</u>



# CURRENT OPERATING EXPENSE (Continued)

For the Year Ended August 31, 1951

## EDUCATIONAL AND GENERAL (Continued)

### INSTRUCTION (Continued)

	TOTAL	SALARIES	OTHER EXPENSE	EQUIPMENT EXHIBIT G
School of Pharmacy				
Administration.....	1,952.30	1,657.83	294.47	10,898.77
Instruction.....	35,083.62	22,678.20	1,506.65	10,898.77
	<u>37,035.92</u>	<u>24,336.03</u>	<u>1,801.12</u>	
Summer Sessions				
Administration.....	6,525.04	2,529.62	3,995.42	493.20
Instruction.....	138,859.29	134,026.87	4,339.22	493.20
	<u>145,384.33</u>	<u>136,556.49</u>	<u>8,334.64</u>	
Physical Education				
Men.....	30,801.84	23,306.50	7,495.34	
Women.....	31,571.88	25,779.08	5,792.80	
	<u>62,373.72</u>	<u>49,085.58</u>	<u>13,288.14</u>	
TOTAL INSTRUCTION—EXHIBIT B.....	1,731,578.08	1,575,231.80	127,676.68	28,669.60

ORGANIZED RESEARCH (Schedule 10)—EXHIBIT B.....

702,509.88

434,111.06

268,398.82

LIBRARIES

Books.....  
Other.....  
TOTAL—EXHIBIT B.....

23,193.74  
67,616.97  
90,810.71

.....  
55,279.91  
55,279.91

.....  
12,337.06  
12,337.06

23,193.74  
23,193.74

MAINTENANCE AND OPERATION OF PLANT—EXHIBIT B....

369,904.15

171,332.15

198,572.00

MISCELLANEOUS

Alumni Dues.....  
Real Estate Conveyance.....  
Student Activities.....  
Health Administration.....  
Men's Athletics.....  
Student Activities Office.....  
Student Council Accounts.....  
University Accounts.....  
University Players.....

2,394.00  
332.10  
  
21,116.72  
168,683.71  
4,304.70  
24,723.52  
7,355.21  
4,329.64  
233,239.60

.....  
  
  
16,527.31  
40,149.54  
3,604.94  
100.00  
4,749.84  
  
64,131.63

2,394.00  
332.10  
  
4,589.41  
128,534.17  
1,699.76  
24,623.52  
2,605.37  
4,329.64  
169,107.97

# CURRENT OPERATING EXPENSE (Continued)

For the Year Ended August 31, 1951

	TOTAL	SALARIES	OTHER EXPENSE	EQUIPMENT EXHIBIT G
EDUCATIONAL AND GENERAL (Continued)				
ACTIVITIES RELATING TO INSTRUCTION—HOSPITAL				
Administration.....	313,181.09	124,771.64	188,409.45	
	466,408.03	198,167.74	268,240.29	
Dietary.....	55,726.96	52,299.02	3,427.94	
Household and Property	31,684.31	9,492.58	22,191.73	
Laundry.....	131,064.09	118,853.69	12,210.40	
Linen Service.....	147,906.18	52,763.31	95,142.87	
Housekeeping.....	366,381.54	233,408.60	132,972.94	
Plant.....				
Professional Care—General	173,463.50	69,537.00	103,926.50	
Medical and Surgical Service.....	5,083.67	4,135.87	947.80	577.77
Cardiology.....	2,977.77	2,400.00	577.77	
Medical Library for Residents and Interns.....	618,941.29	618,040.14	901.15	
Nursing Care.....	27,351.19	25,151.89	2,199.30	
Medical Records.....	116,986.99	11,975.85	105,011.14	
Pharmacy.....	18,536.15	18,453.26	82.89	
Central Sterile Supply.....	963,340.56	749,694.01	213,068.78	577.77
Professional Care—Special				
Operating Rooms.....	99,287.42	57,686.86	41,600.56	
Delivery Rooms.....	48,597.26	40,185.60	8,411.66	
Laboratories.....	110,484.56	100,646.18	9,838.38	
X-Ray.....	91,188.50	60,690.20	30,498.30	
Electroencephalography.....	5,087.80	4,253.94	833.86	
Anesthesiology.....	88,885.26	61,625.38	27,259.88	
Physical Medicine.....	37,467.23	35,951.87	1,515.36	
Urology.....	1,912.00	645.00	1,267.00	
Dental.....	789.60		789.60	
	483,699.63	361,685.03	122,014.60	



<b>Out-Patient Department</b>				
General Services.....	17,446.23	17,306.49	139.74	
Medicine.....	15,671.20	10,961.76	4,709.44	
Surgery.....	8,298.90	6,708.41	1,590.49	
Gynecology and Obstetrics.....	2,696.82	2,397.83	298.99	
Ophthalmology.....	6,024.04	5,430.14	593.90	
Ear, Nose, Throat.....	12.26		12.26	
Urology.....	2,470.17	819.26	1,650.91	
Social Service.....	2,923.02	2,916.65	6.37	
Nursing Care.....	8,274.79	8,274.79		
Housekeeping.....	14,494.73	14,494.73		
Emergency.....	11,038.53	8,537.47	2,501.06	
	<u>89,350.69</u>	<u>77,847.53</u>	<u>11,503.16</u>	
<b>Auxiliary Enterprises</b>				
Ambulance Service.....	155.00		155.00	
Residents' and Interns' Room Charges.....	(-12,420.00)		(-12,420.00)	
	<u>(-12,265.00)</u>		<u>(-12,265.00)</u>	
<b>Depreciation (Exhibit G)</b>				
Building (Schedule 8).....	60,000.00		60,000.00	
Equipment (Schedule 9).....	114,000.00		114,000.00	
	<u>174,000.00</u>		<u>174,000.00</u>	
<b>TOTAL HOSPITAL—EXHIBIT B.....</b>	<u>2,844,096.54</u>	<u>1,745,574.55</u>	<u>1,097,944.22</u>	<u>577.77</u>
<b>ACTIVITIES RELATING TO INSTRUCTION—POST GRADUATE</b>				
<b>MEDICAL EDUCATION—EXHIBIT B.....</b>	<u>10,215.24</u>	<u>5,416.31</u>	<u>4,798.93</u>	

**CURRENT OPERATING EXPENSE (Continued)**  
For the Year Ended August 31, 1951

**AUXILIARY ENTERPRISES**

	TOTAL	SALARIES	OTHER EXPENSE	EQUIPMENT EXHIBIT G
<b>RESIDENCE HALLS</b>				
Nurses Home—Everglades Apartments.....	1,038.67		1,038.67	
Staughton Hall.....	40,390.17	14,415.22	25,974.95	
Strong Hall.....	23,447.75	11,535.90	11,911.85	
Veterans Housing.....	13,305.86	3,519.65	9,786.21	
Welling Hall.....	2,025.04	815.00	1,210.04	
2025 H Street, N. W.....	80,207.49	30,285.77	49,921.72	
<b>SORORITY HALLS</b>				
2112 G Street, NW.....	465.15	120.00	345.15	
2129 G Street, NW.....	3,090.65	675.00	2,415.65	
2131 G Street, NW.....	215.50	100.00	115.50	
802 21st Street, NW.....	2,200.50	930.00	1,270.50	
	5,971.80	1,825.00	4,146.80	
<b>OTHER</b>				
Book Store, Student Store, Student Union.....	266,130.19	40,632.19	225,498.00	
Duplicating Bureau.....	1,481.51		1,481.51	
Lisner Auditorium.....	20,366.81	9,088.36	11,278.45	167.56
Washington Counseling Center.....	22,903.42	21,721.85	1,014.01	167.56
	310,881.93	71,442.40	239,271.97	
<b>TOTAL—EXHIBIT B.....</b>	<b>397,061.22</b>	<b>103,553.17</b>	<b>293,340.49</b>	<b>167.56</b>

# NON EDUCATIONAL

INTEREST ON NOTES PAYABLE.....	19,239.99	.....	19,239.99
SCHOLARSHIPS.....	27,948.00	.....	27,948.00
TOTAL—EXHIBIT B.....	<u>47,187.99</u>	.....	<u>47,187.99</u>
TOTAL EXPENSE—EXHIBIT B.....	7,078,585.13	4,565,365.84	2,444,277.32
		<u>4,565,365.84</u>	<u>68,941.97</u>
Less overhead expense charged to various departments and included in "Other Expense" above.....	<u>140,804.29</u>		
TOTAL EXPENSE, ADJUSTED—EXHIBIT B.....	<u>6,937,780.84</u>		



# ACCOUNTS RECEIVABLE AND PREPAID EXPENSE August 31, 1951

## EXHIBIT A

ACCOUNTS RECEIVABLE		
Veterans Administration—Veterans' Tuition, Books, Supplies	180,495.83	
Washington Counseling Center	2,467.75	
Regular Students—Tuition and Other Fees	2,868.79	
Dormitory Rents	933.11	
Hospital	383,964.29	
Less Provision for Doubtful Accounts	468,964.29	
Organized Research Funds	85,000.00	
D. C. Pharmaceutical Association	131,939.71	
	<u>95.84</u>	
	702,765.32	
PREPAID EXPENSE		
University Supplies—Stockroom	63,190.00	
Student Store	24,040.00	
Book Store	29,775.00	
Duplicating Bureau	156.00	
Microscopes	811.26	
Miscellaneous	2,435.57	
Hospital Supplies—Medical and Surgical	79,964.00	
Pharmacy	33,201.00	
Ophthalmology	8,368.00	
Maintenance and Housekeeping	10,491.20	
Linens and Bedding	20,485.00	
Office	4,342.00	
Food	9,609.00	
Insurance	15,589.28	
	<u>182,049.48</u>	
	302,457.31	

# ASSETS OF LOAN FUNDS August 31, 1951

FUNDS	TOTAL	CASH	LOANS RECEIVABLE
D.C.—D.A.R. Loan Fund.....	3,315.24	3,224.84	90.40
George Washington Law Association Loan Fund.....	786.10	242.10	544.00
Harris Loan Fund.....	400.00	400.00	
Home Economics Loan Fund.....	382.35	382.35	
Kellogg School of Medicine Loan Fund.....	16,577.47	3,558.37	13,019.10
Sutherland School of Medicine Loan Fund.....	1,200.00	200.00	1,000.00
University Loan Fund.....	8,204.63	6,967.63	1,237.00
War Loan Fund.....	6,159.89	.....	6,159.89
TOTAL—EXHIBIT A.....	37,025.68	14,975.29	22,050.39

SCHEDULE 4

# ASSETS OF ENDOWMENT FUNDS--CONTROLLED BY THE UNIVERSITY

August 31, 1951

## CONSOLIDATED ENDOWMENT FUNDS

	BONDS	DESCRIPTION	%	DUE	VALUE		
					PAR	MARKET	BOOK
American Telephone and Telegraph Co.		Convertible Debenture	2 3/4	1961	12,000	13,560.00	12,922.00
Atchison, Topeka and Santa Fe Ry. Co.		General Mortgage	4	1995	2,000	2,460.00	1,970.00
Baltimore and Ohio R. R. Co., Pittsburgh, Lake Erie and W. Va. System		Refunding Mortgage, Series A	4	1980	5,000	4,150.00	5,036.00
Capital Transit Co.		First and Refunding Mortgage A	4	1964	8,000	8,080.00	8,000.00
Great Northern Railway Co.		General Mortgage, Series D	4 1/2	1976	25,000	27,750.00	25,185.00
New York Central Railroad Co.		Refunding and Improvement A	4 1/2	2013	30,000	20,100.00	24,779.44
Pennsylvania Railroad Co.		General Mortgage, Series E	4 1/4	1984	25,000	23,500.00	26,509.00
Pennsylvania Railroad Co.		Consolidated Mortgage	4 1/2	1960	1,000	1,110.00	1,018.00
Southern Railway Co.		Development and General Mtg. A	6 1/2	1956	2,000	2,180.00	2,120.00
State Loan and Finance Corporation		Sinking Fund Subordinated Deb.	5	1960	10,000	10,000.00	10,000.00
United States of America		Treasury	2 1/4	1959-62	50,000	49,500.00	50,000.00
United States of America		Savings, Series G	2 1/2	10-1-54	23,000	22,310.00	23,000.00
United States of America		Savings, Series G	2 1/2	11-1-54	47,000	45,590.00	47,000.00
United States of America		Savings, Series G	2 1/2	1-1-55	17,000	16,490.00	17,000.00
United States of America		Savings, Series G	2 1/2	4-1-55	36,500	35,295.50	36,500.00
United States of America		Savings, Series G	2 1/2	9-1-55	41,100	39,620.40	40,880.00
United States of America		Savings, Series G	2 1/2	10-1-55	7,500	7,230.00	7,456.00
United States of America		Savings, Series G	2 1/2	2-1-56	9,000	8,676.00	9,000.00
United States of America		Savings, Series G	2 1/2	2-1-58	10,000	9,520.00	10,000.00
United States of America		Savings, Series G	2 1/2	7-1-58	35,000	33,215.00	35,000.00
United States of America		Savings, Series F	2 1/2	8-1-56	200	169.60	148.00
United States of America		Savings, Series F	2 5/8	11-1-58	200	157.20	148.00
United States of America		Treasury, Series B	2 3/4	1975-80	10,000	9,900.00	10,000.00
United States of America		General Mortgage	5	1960	6,000	6,900.00	6,349.00
Washington Gas Light Co.		Guaranteed First Mortgage Reg.	4	2361	26,000	15,860.00	22,620.00
West Shore Railroad Co.						413,323.70	432,640.44



STOCKS—PREFERRED	%	SHARES	
Allis-Chalmers Manufacturing Co.	3½	100	9,600.00
American Airlines, Inc.	3½	200	17,200.00
American Smelting and Refining Co.	7	120	18,840.00
American Viscose Corporation	5	100	11,900.00
Appalachian Electric Power Co.	4½	100	10,700.00
Atchison, Topeka and Santa Fe Ry. Co.	5	120	6,240.00
Cleveland and Pittsburgh R. R. Co.	5	100	7,000.00
Connecticut Light and Power Co.	7	400	21,200.00
Consolidated Edison Co. of New York.		300	32,400.00
Corning Glass Works.	3½	240	23,040.00
Detroit, Hillsdale and S. W. R. R. Co.	4	163	9,780.00
General Motors Corporation.		200	19,800.00
General Motors Corporation.		100	12,300.00
General Shoe Corporation.		50	4,500.00
Gold and Stock Telegraph Co.	6	100	12,600.00
Gulf Power Co.	4.64	100	10,100.00
Hecht Co.	3¾	50	4,500.00
H. J. Heinz Co.	3.65	200	19,200.00
International Harvester Co.	7	100	16,300.00
May Department Stores		200	18,600.00
McCroly Stores Corporation.	3½	200	19,600.00
Merck and Co.		105	9,765.00
Oliver Corporation.	4½	200	20,600.00
Pacific Gas and Electric Co.	4.8	1,000	26,000.00
Panhandle Eastern Pipe Line Co.	4	200	19,400.00
Pennsylvania Electric Co.	3.7	200	17,000.00
Pfizer, Chas., and Co., Inc.	4	150	17,250.00
Philadelphia Electric Co.	3.8	100	9,900.00
Potomac Electric Power Co.	3.6	304	13,072.00
Public Service Electric and Gas Co.		550	14,300.00
Rayonier, Inc.		400	14,400.00
R. J. Reynolds Tobacco Co.	3.6	100	9,100.00
Rogers, George A., and Co.		1	100.00
Southern California Edison Co.	4.56	800	24,800.00
Sterling Drug, Inc.	3½	200	19,000.00
Virginia Electric and Power Co.		300	29,700.00
			<u>549,787.00</u>
			<u>565,730.29</u>

ASSETS OF ENDOWMENT FUNDS—CONTROLLED BY THE UNIVERSITY (Continued)

August 31, 1951

CONSOLIDATED ENDOWMENT FUNDS (Continued)

	VALUE	
	SHARES	BOOK
	MARKET	MARKET
STOCKS—COMMON		
Allis-Chalmers Manufacturing Co.	500	21,347.00
American Gas and Electric Co.	350-7/10	20,691.00
Bank of America, National Trust and Savings Association	117	3,276.00
Capital Transit Co.	27	1,188.00
Chrysler Corporation	200	14,000.00
Commonwealth Edison Co.	640	19,840.00
Continental Can Co., Inc.	31	1,302.00
Continental Illinois National Bank and Trust Co. of Chicago	270	24,030.00
Continental Oil Co.	420	23,520.00
General Electric Co.	1,000	50,000.00
General Motors Corporation	400	18,800.00
Goodyear Tire and Rubber Co.	200	7,800.00
International Nickel Co. of Canada, Ltd.	300	24,300.00
Kennecott Copper Corporation	12	396.00
Mergenthaler Linotype Co.	55	2,530.00
National City Bank of New York	400	8,000.00
New York Air Brake Co.	200	13,800.00
Phelps Dodge Corporation	100	3,300.00
R. J. Reynolds Tobacco Co.—New Class B	13	4,706.00
Riggs National Bank	67	7,370.00
Security Storage Co.	1,530	53,550.00
Socony Vacuum Oil Co.	50	3,150.00
Southern Pacific Co.	661 1/2	36,383.00
Standard Oil Co. of California	40	25,000.00
Travelers Insurance Co.	800	17,600.00
United Gas Corporation		414,432.00
		273,991.25

TRUST NOTES RECEIVABLE

	%	Due	
Edmund Property, Inc.—Secured by lot 4, square 15.....	4	11-19-52	6,500.00
Grady, Dallas E.—Secured by lot 6, square 3953.....	4	4-9-54	6,000.00
Henderson, James M.—Secured by lots 33-34, square 3187.....	4½	2-15-52	1,000.00
Snow, Chester A.—Secured by lot 77, square 162.....	4	10-31-52	8,000.00
Swartzell, John M.—Secured by lot 82, square 33.....	4	7-15-54	2,000.00
Wollberg, Ben—Secured by lot 9, square 16.....	4	12-4-51	3,500.00
			<u>27,000.00</u>

REAL ESTATE

Strong Hall—620 21st Street, NW. Lots 19-20-818-819, square 80.....	219,650.72	219,650.72
CASH.....	<u>30,912.28</u>	<u>30,912.28</u>
	1,655,105.70	
TOTAL.....		<u><u>1,549,924.98</u></u>

RANKIN ENDOWMENT FUND

REAL ESTATE

600 acres of land in Pemiscot County, Missouri (estimated value).....	<u>150,000.00</u>	<u>150,000.00</u>
---	-------------------	-------------------



ASSETS OF ENDOWMENT FUNDS—CONTROLLED BY THE UNIVERSITY (Continued)  
August 31, 1951  
SCOTTISH RITE FUND

BONDS	DESCRIPTION	DUE %	PAR	VALUE	
				MARKET	BOOK
American Telephone and Telegraph Co.	Debenture	2 3/4 1980	25,000	24,000.00	25,000.00
Capital Transit Co.	First and Refunding Mortgage A	4 1964	10,000	10,100.00	10,000.00
Lexington and Eastern Railway Co.	First Mortgage	5 1965	12,000	13,680.00	12,784.00
Northern Pacific Railway Co.	Prior Lien Railway and Land Grant	4 1997	25,000	26,250.00	26,815.00
State Loan and Finance Corporation	Sinking Fund Subordinated Deb	5 1960	5,000	5,000.00	5,000.00
United States of America	Treasury	2 1951-53	20,000	20,000.00	20,000.00
United States of America	Treasury	2 1/2 1959-62	75,000	74,250.00	75,272.13
United States of America	Savings, Series G	2 1/2 10-1-53	50,000	48,800.00	50,000.00
United States of America	Savings, Series G	2 1/2 10-1-54	100,000	97,000.00	100,000.00
United States of America	Savings, Series G	2 1/2 1-1-55	100,000	97,000.00	100,000.00
United States of America	Savings, Series G	2 1/2 2-1-56	1,000	964.00	1,000.00
United States of America	Savings, Series G	2 1/2 9-1-62	40,000	39,520.00	40,000.00
United States of America	Treasury, Series B	2 1/2 1975-80	25,000	24,750.00	25,000.00
Washington Gas Light Co.	General Mortgage	5 1960	4,000	4,600.00	4,424.00
West Shore Railroad Co.	Guaranteed First Mortgage Reg	4 2361	14,000	8,540.00	12,355.00
				<u>494,454.00</u>	<u>507,650.13</u>
STOCKS—PREFERRED					
American Viscose Corporation	Cumulative	% 5	100	11,900.00	10,750.00
Celanese Corporation of America	Cumulative	4 1/2	200	22,600.00	20,081.50
Consolidated Gas Electric Light and Power Co. of Baltimore	Cumulative, Series C	4	130	13,000.00	13,312.73
Dresser Industries, Inc.	Cumulative, Convertible	3 3/4	200	17,200.00	20,600.00
Federated Department Stores, Inc.	Cumulative	4 3/4	100	10,300.00	9,895.00
General Motors Corporation	\$3.75 Cumulative	40	40	3,960.00	4,000.00
General Shoe Corporation	\$3.50 Cumulative	50	50	4,500.00	5,120.50
Goodyear Tire and Rubber Co.	\$5 Cumulative Convertible	100	100	10,600.00	10,960.34

Gulf Power Co.....	Cumulative.....	100	10,300.00
Hecht Co.....	Cumulative.....	150	13,500.00
Illinois Power Co.....	Cumulative.....	400	20,000.00
International Harvester Co.....	Cumulative.....	50	8,150.00
Le Tourneau, R. G., and Co.....	\$4 Cumulative.....	200	12,600.00
Montgomery Ward and Co.....	\$7 Cumulative, Class A.....	100	17,100.00
Pacific Telephone and Telegraph Co.....	Cumulative.....	200	27,600.00
Pfizer, Chas., and Co., Inc.....	Cumulative Convertible Second.....	50	5,750.00
Philadelphia Electric Co.....	Cumulative.....	100	9,900.00
Phillip Morris and Co., Ltd., Inc.....	Cumulative.....	138	13,800.00
Potomac Electric Power Co.....	Cumulative, Series A, Par Value \$50.....	300	12,900.00
R. J. Reynolds Tobacco Co.....	Cumulative.....	200	18,200.00
			263,660.00
			289,011.56

STOCKS—COMMON

Cincinnati Milling Machine Co.....	500	17,500.00	18,609.10
Commonwealth Edison Co.....	800	24,800.00	21,995.00
Continental Oil Co.....	1,000	56,000.00	15,725.25
General Electric Co.....	400	23,600.00	17,210.00
Goodyear Tire and Rubber Co.....	400	18,800.00	9,649.34
International Nickel Co. of Canada, Ltd.....	300	11,700.00	13,032.50
Montgomery Ward and Co.....	750	51,750.00	32,577.25
Riggs National Bank.....	125	45,250.00	32,625.00
Standard Oil Co. of California.....	220½	12,127.00	2,600.00
Standard Oil Co. of New Jersey.....	1,072	75,050.00	37,854.29
Underwood Corporation.....	300	16,500.00	20,940.19
Union Carbide and Carbon Corporation.....	900	57,600.00	25,122.50
United Gas Corporation.....	700	15,400.00	12,381.66
		426,077.00	260,322.08
CASH.....		4,899.61	4,899.61
		1,189,090.61	

TOTALS { SCOTTISH RITE FUND.....	1,000,000.00
{ RESERVE FOR PROTECTION OF SCOTTISH RITE FUND INVESTMENTS.....	61,883.38
	1,061,883.38

# ASSETS OF ENDOWMENT FUNDS—CONTROLLED BY THE UNIVERSITY (Continued)

August 31, 1951

## SUMMARY OF ASSETS OF ENDOWMENT FUNDS—CONTROLLED BY THE UNIVERSITY

INVESTMENTS								
Funds	Total Assets	Cash	Total	Bonds	Stocks		Trust Notes	Real Estate
					Preferred	Common		
Consolidated.....	1,549,924.98	30,912.28	1,519,012.70	432,640.44	565,730.29	273,991.25	27,000.00	219,650.72
Rankin.....	150,000.00	.....	.....	.....	.....	.....	.....	150,000.00
Scottish Rite.....	1,061,883.38	4,899.61	1,056,983.77	507,650.13	289,011.56	260,322.08	.....	.....
TOTALS—Exhibit A.	2,761,808.36	35,811.89	2,575,996.47	940,290.57	854,741.85	534,313.33	27,000.00	369,650.72



# ENDOWMENT FUNDS—CONTROLLED BY OTHER TRUSTEES

August 31, 1951

FUNDS	TRUSTEES	BOOK VALUE
Andrews Scholarship Fund.....	American Security and Trust Co.....	5,194.03
Fry Professorship Fund.....	National Savings and Trust Co.....	105,087.77
Harvey Scholarship Fund.....	Washington Loan and Trust Co.....	5,031.97
Sanders Fellowship Fund.....	National Savings and Trust Co.....	206,806.87
Sharpe School of Medicine Fund.....	National Savings and Trust Co.....	8,334.13
Spencer Scholarship Fund.....	Northern Trust Co.....	7,434.20
TOTAL—EXHIBIT A.....		<u>337,888.97</u>

SCHEDULE 6



Bonds

	%	Due	Par	
State Loan and Finance Corporation Sinking Fund Subordinated Debenture	5	1960	10,000	10,000.00
United States of America Treasury Notes	11	11-1-51	134,000	134,000.00
United States of America Certificates of Indebtedness B	11	7-1-52	50,000	50,000.00
United States of America Savings, Series G	2 1/2	11-1-54	3,000	2,910.00
United States of America Savings, Series G	2 1/2	10-1-55	1,000	964.00
United States of America Savings, Series G	2 1/2	10-1-57	1,700	1,000.00
United States of America Savings, Series G	2 1/2	4-1-61	18,600	17,893.20
				218,051.36

STOCKS—PREFERRED

	%	Shares	
Garfinckel and Co. Cumulative Convertible	4 1/2	750	14,250.00

STOCKS—COMMON

Garfinckel and Co.	2,370	45,030.00	44,860.00
Glidden Co.	102	4,488.00	2,575.00
		49,518.00	47,435.00
CASH		15,216.09	15,216.09
TOTALS		296,369.69	293,739.95

SUMMARY OF ASSETS OF PLANT FUNDS

Funds	INVESTMENTS			
	Total Assets	Cash	Total	
Pairo Fund	130,626.63	6,577.77	124,048.86	Preferred Stock
Consolidated Plant Funds	293,739.95	15,216.09	278,523.86	Bonds
	424,366.58	21,793.86	402,572.72	Common Stocks
			279,785.16	
			13,037.50	
			109,750.06	



### LAND AND BUILDINGS For the Year Ended August 31, 1951

Building or Location	Lot	Square	Year Acquired or Erected	Balance August 31, 1950	Net Additions	Balance August 31, 1951
Biological Sciences Building C.....	Part of 834	102	1914-35	151,129.97		151,129.97
Chapin Hall.....	Part of 838	79	1948	50,000.00	10,293.01	60,293.01
Corcoran Hall.....	Part of 834	102	1919-24	327,481.92		327,481.92
	{ 5-13-15-17-19					
	24-28-29					
Field House Site.....	800-801-802					
	805 thru 821					
	823-828-829-830					
	832-833-834-836					
	838-839-842	56	1936-48	260,133.03		260,133.03
	Part of 834	102	1924-25	58,331.44		58,331.44
	Part of 841	79	1918-38	239,035.63		239,035.63
	Entire Square	54	1945	7,389,564.00		7,389,564.00
	844	79	1938-51	115,646.21	333,026.12	448,672.33
Gymnasium.....	838-843	79	1929-41	823,982.91		823,982.91
Hall of Government.....	Part of 834	102	1912-39	372,230.19		372,230.19
Hospital.....	Part of 834	102	1923-30	57,583.87		57,583.87
James Monroe Hall.....	806 thru 811	55	1947	401,500.00		401,500.00
Lisner Auditorium.....	17 thru 39					
Lisner Hall.....	800 thru 817					
Mechanical Laboratory.....	822 thru 828-830	41	1945-51	517,800.50	55,762.13	573,562.63
Nurses Home (Schedule 8—Page 4).....	27-28-816-817	79	1944	95,482.17		95,482.17
	Part of 843	79	1947	26,075.12		26,075.12
	Part of 834	102	1936	11,700.00		11,700.00
Parking Lot—2314 I Street, NW.....						
Pharmacology Laboratory.....	43	250	1882-1932	995,706.34		995,706.34
Physics Laboratory.....	53	101	1943	26,761.24		26,761.24
President's Office.....	Part of 834	102	1922-36	269,279.60		276,990.12
School of Medicine, Cancer Clinic (Schedule 8—Page 4).....						
Shop, Stockroom.....						
Social Sciences Building D.....						

Sorority Hall—2112 G Street, NW.....	816	80	1948	30,000.00		30,000.00
Sorority Hall—2129 G Street, NW.....	805	79	1936	36,989.72		36,989.72
Sorority Hall—2131 G Street, NW.....	Part of 8	79	1935	25,500.00		25,500.00
Sorority Hall—802 21st Street, NW.....	35	77	1938	13,000.00		13,000.00
Staughton Hall.....	834-835	79	1941	51,600.00	10,974.67	62,574.67
Stockton Hall.....	Part of 834	102	1920-25	279,325.93		279,325.93
Student Activities Building.....	41	79	1947	75,000.00		75,000.00
Student Store.....	Part of 843	79	1949	48,105.49		48,105.49
Student Union.....	804-836	79	1947-48	526,599.63		526,599.63
Veterans Housing—Parts of Squares 56, 77,			1948	100,000.00		100,000.00
Welling Hall.....	15	55	1947	209,047.72		209,047.72
G Street, NW—1910.....	C	121	1949	20,000.00		20,000.00
".....	27	103	1949	33,600.00		33,600.00
".....	16	103	1922	14,955.00		14,955.00
".....	15	103	1929	15,074.96		15,074.96
".....	Part of 834	102	1922	32,500.00		32,500.00
".....	817	80	1937	19,000.00		19,000.00
".....	41	80	1946	31,500.00		31,500.00
".....	40	80	1949	50,000.00		50,000.00
".....	815	80	1949	47,250.00		47,250.00
".....	A	80	1946	20,500.00		20,500.00
".....	B	80	1946	17,500.00		17,500.00
".....	807	79	1943	14,000.00		14,000.00
".....	40	79	1949	1,000.00		1,000.00
".....	25	57	1948	8,800.00		8,800.00
".....	803-829	42	1947	23,400.00		23,400.00
".....				(-1,000.00)		

**LAND AND BUILDINGS—(Continued)**  
**For the Year Ended August 31, 1951**

Building or Location	Lot	Square	Year Acquired or Erected	Balance August 31, 1950	Net Additions	Balance August 31, 1951
H Street, NW—1909	800	119	1948	32,500.00		32,500.00
" 1911-13	3	119	1948	67,711.70		67,711.70
" 1923	803	119	1949	38,000.00		38,000.00
" 2011	806	101	1943	13,000.00		13,000.00
2014-16-18-18½						
2020-22-24-26	Part of 834	102	1922	98,516.71		98,516.71
2025	52	101	1945	21,000.00		21,000.00
2027	813	101	1941	11,000.00		11,000.00
2029	814	101	1945	11,500.00		11,500.00
2031	815	101	1948	13,000.00		13,000.00
2037	817	101	1940	23,500.00		23,500.00
2111 (Schedule 8—Page 4)	802	77	1950	1,500.00	16,000.00	17,500.00
2113	804	77	1940	12,500.00		12,500.00
2115	805	77	1944	12,431.25		12,431.25
2127	809	77	1946	7,500.00		7,500.00
2137-39	811	77	1948	15,500.00		15,500.00
2142	D	79	1935	1,500.00		1,500.00
2142½	815	79	1940	3,000.00		3,000.00
2209	804	55	1945	6,650.00		6,650.00
2211	16	55	1948	16,125.00		16,125.00
2213	17	55	1946	13,000.00		13,000.00
2215-19	18-805	55	1944	15,500.00		15,500.00
2300	817	42	1942	10,750.00		10,750.00
2308	43	42	1948	7,900.00		7,900.00
2312	814	42	1948	7,000.00		7,000.00
2316	812	42	1947	9,600.00		9,600.00



I Street, NW—2012.	830	101	1945	25,000.00	25,000.00	25,000.00
	829	101	1945	25,000.00	25,000.00	25,000.00
	21	101	1946	50,000.00	50,000.00	50,000.00
	840	101	1942	10,000.00	10,000.00	10,000.00
	27	77	1947	11,800.00	11,800.00	11,800.00
	55-56	77	1947	12,500.00	12,500.00	12,500.00
	826	77	1948	15,000.00	15,000.00	15,000.00
	825	77	1945	5,000.00	5,000.00	5,000.00
	22	55	1949	12,000.00	12,000.00	12,000.00
				278,735.00	278,735.00	278,735.00
K Street, NW—2300.	1-2-3	39	1948	278,735.00	278,735.00	278,735.00
				9,500.00	9,500.00	9,500.00
New Hampshire Avenue, NW—905						
Pennsylvania Avenue, NW—	12-19	119	1949	180,000.00	180,000.00	180,000.00
	812	119	1950	70,000.00	70,000.00	70,000.00
	813	119	1949	70,000.00	70,000.00	70,000.00
	800-801-840	75	1945	103,000.00	103,000.00	103,000.00
	831	75	1950	30,000.00	30,000.00	30,000.00
				30,000.00	30,000.00	30,000.00
				180,000.00	180,000.00	180,000.00
				70,000.00	70,000.00	70,000.00

# LAND AND BUILDINGS—(Continued)

For the Year Ended August 31, 1951

Building or Location	Lot	Square	Year Acquired or Erected	Balance August 31, 1950	Net Additions	Balance August 31, 1951
19th Street, NW—808	20	119	1949	30,000.00		30,000.00
20th Street, NW—700	26	102	1931	17,500.00		17,500.00
" " " " " "	23	102	1950	29,500.00	7,370.03	36,870.03
" " " " " "	42	102	1929	14,240.00		14,240.00
" " " " " "	41	102	1930	14,500.00		14,500.00
" " " " " "	40	102	1929	13,500.00		13,500.00
" " " " " "	828-830	102	1929	20,000.00		20,000.00
21st Street, NW—604	23	80	1946	13,000.00		13,000.00
" " " " " "	21-22	80	1935	12,500.00		12,500.00
" " " " " "	Part of 834	102	1929	24,000.00		24,000.00
" " " " " "	Part of 841	79	1931	40,000.00		40,000.00
" " " " " "	Part of 841	79	1933	8,885.00		8,885.00
" " " " " "	Part of 841	79	1939	16,422.00		16,422.00
" " " " " "	828	79	1950	50,000.00		50,000.00
" " " " " "	31	77	1938	9,000.00		9,000.00
" " " " " "	840	77	1944	13,000.00		13,000.00
22nd Street, NW—715	24	79	1939	8,190.00		8,190.00
" " " " " "	25	79	1940	10,143.00		10,143.00
" " " " " "	812-813	79	1938	8,750.00		8,750.00
" " " " " "	814	79	1937	4,750.00		4,750.00
" " " " " "	34	79	1945	7,600.00		7,600.00

"	800-02.	802-803	55	1946	18,500.00	18,500.00
"	806.	800	55	1945	9,000.00	9,000.00
"	808.	C	55	1946	14,000.00	14,000.00
"	810.	839	55	1948	18,750.00	18,750.00
"	813.	817	77	1948	10,800.00	10,800.00
"	815-17.	818	77	1948	17,000.00	17,000.00
"	820.	830	55	1945	7,000.00	7,000.00
"	822.	829	55	1947	9,250.00	9,250.00
"	909.	815	75	1946	11,000.00	11,000.00
"	911.	816	75	1950	12,000.00	12,000.00
"	921.	821	75	1948	12,500.00	12,500.00
23rd Street, NW—611-13						
"	706.	29-821	57	1948	13,500.00	13,500.00
"	716.	822-824-825	42	1942	3,675.00	3,675.00
"	718.	825	42	1944	7,425.00	7,425.00
"	734.	824	42	1949	11,000.00	11,000.00
"	736.	819	42	1942	4,500.00	4,500.00
"	908.	818	42	1942	3,000.00	3,000.00
"		30	40	1949	17,750.00	17,750.00
24th Street, NW—737-39						
"		808	42	1947	11,440.00	11,440.00
Less Depreciation—Hospital						
					470,136.48	16,329,098.73
					60,000.00	180,000.00
					410,136.48	
Total—Exhibit A						16,149,098.73



TRUST NOTES PAYABLE

August 31, 1951

EQUITABLE LIFE ASSURANCE SOCIETY  
Secured by Nurses Home. Due \$7,875 each May 1 and November 1 including interest at 4%..... 192,078.13

GARET, AMELIE S.  
Secured by 2111 H Street, NW. Due \$600 each January 12, April 12, July 12, and October 12, including interest at 4%..... 10,200.00

WASHINGTON LOAN AND TRUST CO.  
Secured by School of Medicine and Cancer Clinic. Due February 21, 1955. Interest 4%..... 100,000.00

TOTAL—EXHIBIT A..... 302,278.13

## EQUIPMENT

For the Year Ended August 31, 1951

	BALANCE AUGUST 31, 1950	NET ADDITIONS	BALANCE AUGUST 31, 1951
Administration.....	176,644.14	16,500.86	193,145.00
Duplicating Bureau.....	1,774.50		1,774.50
George Washington University Cancer Clinic.....	3,205.00		3,205.00
Gilbert Stuart Painting.....	17,645.61		17,645.61
Gymnasium.....	2,927.37		2,927.37
Hospital.....	1,167,274.55	26,695.04	1,193,969.59
Instruction—General.....	147,441.92	6,557.13	153,999.05
Law School.....	1,739.63	1,279.50	3,019.13
Library Books—Carnegie Library.....	75,000.00		75,000.00
“ “ General.....	120,037.46	12,729.34	132,766.80
“ “ Hospital.....		1,177.77	1,177.77
“ “ Law School.....	80,723.77	7,540.43	88,264.20
“ “ School of Medicine.....	22,256.94	3,488.73	25,745.67
Lisner Auditorium.....	94,844.28		94,844.28
Lisner Hall.....	27,300.82	162.70	27,463.52
Nurses Home.....	9,710.60		9,710.60
Residence Hall—2025 H Street, NW.....	2,992.84		2,992.84
School of Engineering.....	72,309.19	8,578.16	80,887.35
School of Medicine.....	71,740.20	2,635.54	74,375.74
School of Pharmacy.....	8,770.09	10,898.77	19,668.86
Staughton Hall.....	13,830.92	(-7,025.55)	6,805.37
Strong Hall.....	18,117.63		18,117.63
Student Store.....	4,367.96	3,700.34	8,068.30
Student Union.....	32,050.15	895.00	32,945.15
Veterans Housing.....	20,000.00		20,000.00
Welling Hall.....	7,258.58	13,830.92	21,089.50
Less Depreciation Hospital Equipment.....	2,199,964.15	109,644.68	2,309,608.83
	198,000.00	114,000.00	312,000.00
	<u>2,001,964.15</u>	<u>(-4,355.32)</u>	
TOTAL—EXHIBIT A.....			<u>1,997,608.83</u>

SCHEDULE 9

**CURRENT FUNDS RESTRICTED**  
**For the Year Ended August 31, 1951**  
**ORGANIZED RESEARCH FUNDS**

Funds	Balance August 31, 1950	Receipts	Disbursements			Balance August 31, 1951
			Salaries	Other Expense	Total	
<b>SCHOOL OF MEDICINE</b>						
Abbott, Lilly, and Upjohn	12,563.67	11,215.00	10,367.64	3,428.90	13,796.54	9,982.13
American Allergy Foundation	3.51			3.51	3.51	
Arthritis	465.50	5,850.00		1,063.00	1,063.00	5,252.50
Baxter Laboratory	2,317.63	3,838.37	5,700.00	307.00	6,007.00	149.00
Burroughs-Wellcome and Co	590.04	2,500.00	1,640.00	38.41	1,678.41	1,411.63
Campbell Products	644.00	(-644.00)				
Cancer Control	929.81					929.81
Cardiology	1,261.28	644.00	400.00	135.48	535.48	1,369.80
Cecilia Cummings	196.89			71.99	71.99	124.90
Ciba Pharmaceutical Products		1,500.00	920.00	117.90	1,037.90	462.10
Freeman, Keen, Memorial	7,570.58		4,710.00	674.27	5,384.27	2,186.31
Hodgkins Disease		366.00				366.00
Hopkins, Ferd T., and Son	27.43					27.43
Hutchins, Helen F.	2,493.67			(-13.50)	(-13.50)	2,507.17
Institute for the Study of Analgesic and Sedative Drugs	1,208.27	3,831.97	2,990.32	2,049.92	5,040.24	153.76
International Cellucotton Products	1,310.00					1,310.00
Johnson and Johnson Co.		1,430.00	500.00	215.57	715.57	714.43
Lambert Pharmacal Co.		25,000.00		24,000.00	24,000.00	1,000.00
Love, Martha and Spencer, Foundation		2,200.00	360.00	350.68	710.68	2,874.36
Marcelle Fleischmann Foundation	1,385.04					
Mothers' Health Clinic	1,067.80	169.45		192.41	192.41	1,064.84



National Drug Co.	6,248.61	1,115.19	2,758.34	4,605.46	7,363.80
National Foundation for Infantile Paralysis—CVRE-97-1	480.80	9,491.00	400.00	2,233.05	2,633.05
CVRE-97-2		1,500.00		391.37	391.37
Nutrition Foundation		1,918.25		1,058.15	1,589.43
Ophthalmology Department		664.50		245.00	860.10
Surgery Department		(-1,476.29)		(-26.83)	419.50
United States Public Health Service—H-130-C	1,449.46	12,349.00	7,070.50	10,440.86	1,908.14
H-130-C2		2,715.34	1,540.00	1,175.34	
H-130-C3		(-2,485.68)	208.33	174.14	
H-142	2,868.15	12,258.00	4,791.59	3,748.59	
H-142-C		(-59.08)		281.11	3,717.82
C-276-C2	340.19	(-539.35)		82.00	
C-408-C1	621.35	4,887.23	6,288.89	1,861.36	
C-308-C3	3,263.02	9,936.00	2,060.00	1,014.72	
C-108-C4		(-361.56)	3,508.31	1,633.55	6,851.28
C-622-C2	5,503.42	1,323.00	1,207.00	116.00	
C-622-C3		(-1,242.89)		(-155.30)	
RG-631-C2	1,087.59	1,199.89		1,286.69	
RG-631-C3	1,486.80	2,817.11	1,400.00	590.50	
RG-631-C4		(-118.56)	303.32	303.29	2,226.61
RG-787-C2	421.85	2,246.00	1,333.20	1,819.00	
RG-787-C3		7,783.00	2,325.00	485.80	427.00
C-1388		3,500.00	784.31	4,630.95	1,152.05
RG-1032		6,500.00	525.00	477.42	2,238.27
G-3218		4,536.00		481.00	5,494.00
G-1223		5,892.90	5,315.98	576.92	4,536.00
2M-5580		1,410.66	866.66	544.00	
2M-5580-C		15,000.00	11,604.92	2,847.60	
2M-5597	12,935.36			14,452.52	13,482.84

CURRENT FUNDS RESTRICTED (Continued)

For the Year Ended August 31, 1951

## ORGANIZED RESEARCH FUNDS (Continued)

[illegible]

<b>CANCER</b>									
<b>American Cancer Society—INSTR-24A</b>									
"	"	2,742.61	(-2,742.61)					581.37	581.37
"	INSTR-24B	1,766.15	(-1,184.78)					3,943.50	19,443.30
"	"		19,443.50		15,499.80			1,588.94	4,288.94
"	INSTR-24C		2,943.34		2,700.00			369.43	869.43
"	CP-37	1,345.60	1,476.21		500.00				606.78
"	CP-37A		(-282.85)						
"	"	282.85	(-1,091.27)					1,744.08	1,744.08
"	D. C. Division-2	2,835.35	18,792.00		14,963.00			2,963.68	17,926.68
"	D. C. Division-4		500.00					136.88	136.88
"	D. C. Division-7							3,302.23	4,210.56
<b>Damon Runyon Clinical Research Fellowship—DRF-79</b>									
Damon Runyon Clinical Research Fellowship—DRF-79		5,179.21	10,000.00		908.33			3,241.13	4,858.74
Damon Runyon Memorial Fund—DRIR-42			49,136.59		18,487.91			22,983.14	41,471.05
"	DRIR-83		5,000.00						5,000.00
<b>George Washington University Cancer Clinic</b>									
Medical Research Foundation		8,955.47	25,000.00		12,929.80			8,596.39	21,526.19
Stewart-1—Dr. Klopp		14,086.93	17,671.00		8,856.20			3,369.29	12,225.49
Stewart-2—Dr. Bateman			(-101.29)					17.94	17.94
<b>United States Public Health Service—C-191-C2</b>									
"	"	119.23	3,987.00		2,745.00			3,876.66	6,621.66
"	C-191-C3	3,318.00	4,193.00		450.00			758.77	1,208.77
"	C-191-C4		(-240.69)		7,120.39			2,965.25	10,085.64
"	CT-517-C2	10,326.33	25,000.00		14,271.03			2,022.73	16,293.76
"	CT-517-C3				2,298.00			2,985.96	5,283.96
"	C-1234	5,304.71	2,479.00		216.88			367.00	583.88
"	C-1234-C		11,140.00		4,112.50			1,609.05	5,721.55
"	C-1235-R							25,567.27	25,567.27
"	CC-7016	31,634.70							
"	"	87,897.14	191,118.15		107,676.45			92,990.69	200,667.14
"	"								78,348.15



**CURRENT FUNDS RESTRICTED (Continued)**  
For the Year Ended August 31, 1951  
**ORGANIZED RESEARCH FUNDS (Continued)**

Funds	Balance August 31, 1950	Receipts	Disbursements			Balance August 31, 1951
			Salaries	Other Expense	Total	
<b>HOSPITAL</b>						
District of Columbia Tuberculosis Association.....	6,356.34	334.23	4,048.58	16.70	4,065.28	2,625.29
Insulin.....	14.90			14.90	14.90	730.07
Marcelle Fleischmann Foundation—Dr. Blades.....	1,012.62			292.55	292.55	54.00
Smith, Kline, and French Laboratories.....	54.00					
	7,437.86	334.23	4,048.58	324.15	4,372.73	3,399.36
<b>PHARMACY</b>						
E. I. du Pont de Nemours and Co.....	131.29			41.61	41.61	89.68
Proprietary Association.....	702.61			22.75	22.75	679.86
	833.90			64.36	64.36	769.54
<b>PSYCHOLOGY</b>						
Civil Aeronautics Administration—CA-51-965.....		1,392.94	1,163.48	229.46	1,392.94	
CCA-29328.....		840.00	700.00	140.00	840.00	
		2,232.94	1,863.48	369.46	2,232.94	
<b>CHEMISTRY</b>						
Research Corporation—Nacser.....	1,686.37	1,175.00		448.86	448.86	2,412.51
Norton.....		3,500.00	1,125.00	2,061.09	3,186.09	313.91
United States Army—DA-49-007-MD-128.....		3,951.97	2,761.09	1,190.88	3,951.97	
United States Atomic Energy Commission—AT (30-1)-821.....	6,577.34	2,682.00	4,716.00	1,700.89	6,416.89	2,842.45
United States Navy—N704r-419-03.....			1,687.50	1,197.15	2,884.65	
Nonr-15500.....		4,446.25	1,662.50	2,783.75	4,446.25	
	8,263.71	18,639.87	11,952.09	9,382.62	21,334.71	5,568.87

<b>Private</b>									
United States Navy—N7onr-419-02.....									
"	"	"	"	9,131.03	6,062.05	3,068.98	9,131.03	.....	.....
"	"	"	"	12,355.17	8,180.53	4,174.64	12,355.17	.....	.....
N7onr-419-06.....									
.....									
.....									
.....									
<b>MATHEMATICS</b>									
United States Navy—N7onr-419-04.....									
.....									
.....									
.....									
.....									
<b>HUMAN RESOURCES</b>									
United States Army—DA-44-109-QM-650.....									
.....									
.....									
<b>MISCELLANEOUS</b>									
Civil Aeronautics Administration—Cca-29111.....									
United States Air Force—AF 33 (038)—15977.....									
United States Army—DA-1F-103-CML-M.....									
United States Navy—Nonr-168 (00).....									
"	"	"	"	742.70	637.50	105.20	742.70	.....	.....
"	"	"	"	11,817.61	7,364.95	4,452.66	11,817.61	.....	.....
"	"	"	"	51,633.92	39,038.21	12,595.71	51,633.92	.....	.....
"	"	"	"	8,487.56	6,186.07	2,301.49	8,487.56	.....	.....
"	"	"	"	7,447.46	.....	7,447.46	7,447.46	.....	.....
"	"	"	"	1,189.69	.....	589.69	1,189.69	.....	.....
"	"	"	"	1,482.52	530.00	952.52	1,482.52	.....	.....
"	"	"	"	46,944.68	26,920.06	20,024.62	46,944.68	.....	.....
NOrd-9951.....									
.....									
.....									
.....									
<b>TOTALS—EXHIBIT C.....</b>									
				7,447.46	81,276.79	48,469.35	129,746.14	.....	.....
				183,323.00	434,111.06	268,398.82	702,509.88	.....	177,644.62

**CURRENT FUNDS RESTRICTED (Continued)**  
**For the Year Ended August 31, 1950**  
**INCOME OF ENDOWMENT AND PLANT FUNDS**

Funds	Balance August 31, 1950	Net Income for Year	Disposition		Balance August 31, 1951
			Current Operations	Added to Principal	
ENDOWMENT FUNDS (Schedule 12)					
UNRESTRICTED					
Acker.....		13.86	13.86		
Alumni.....		31.48	31.48		
Campaign.....		8,628.94	8,628.94		
Corcoran.....		10,171.94	10,171.94		
Davis.....		1,920.80	1,920.80		
Goddard.....		1,552.57	1,552.57		
Haggett.....		46.21	46.21		
King.....		887.87	887.87		
Reichelderfer.....		691.09	691.09		
Sanders.....		97.49	97.49		
Sothern.....		53.32	53.32		
Subscription Gifts.....		578.76	578.76		
Syms.....		69.31	69.31		
Teller.....		513.08	513.08		
Trustees.....		70.42	70.42		
Weddell.....		462.06	462.06		
Willard Association.....		46.21	46.21		
Withers.....		1,242.55	1,242.55		
Woodhull.....		2,310.30	2,310.30		
			29,390.26		
Schedule 1.....					
RESTRICTED	1,910.93	3,480.30	2,200.00		3,191.23
Fellowship	997.55	9,208.43	9,846.00		3,359.98
King.....		38.34	38.34		309.09
Sanders.....		38.34	7,333.31		
Professorship	285.99	7,333.31	6,000.00	1,799.21	
Alumni.....		7,799.21	670.37		
Carroll.....		670.37	6,700.00		
Congressional		8,151.09		1,451.09	
University.....		8,151.09			
Fry Funds.....	3,905.75	46,416.43			4,136.78
Yulee.....					
School.....					
Government—Scottish Rite.....					





**CURRENT FUNDS RESTRICTED (Continued)**  
**For the Year Ended August 31, 1951**  
**INCOME OF ENDOWMENT AND PLANT FUNDS (Continued)**

Funds	Balance August 31, 1950	Net Income for Year	Disposition		Balance August 31, 1951
			Current Operations	Added to Principal	
<b>ENDOWMENT FUNDS (Continued)</b>					
<b>Restricted (Continued)</b>					
Scholarship					
Andrews.....	35.40	197.10	150.00		82.50
Bartsch.....	2,975.31	925.65	680.00		3,220.96
Carr.....	6,208.65	2,246.02	1,020.00		7,404.67
Carter, H. H.....	1,454.60	231.03	30.00		1,535.63
Carter, M. M.....	270.92	46.21			1,287.13
Columbian Women Funds					
Brown.....	49.56	55.45	49.56		55.45
Chamberlin.....	95.00	106.27	95.00		106.27
College Women's.....	20.65	23.10	20.65		23.10
Founders of Columbian Women.....	206.51	231.03	206.51		231.03
Herron.....	219.74	231.03	219.74		231.03
Knap.....	80.84	46.21	80.84		46.21
Wilson.....	186.10	263.74	168.00		266.21
Davis.....	170.47	46.21	30.00		197.13
Dorsey.....	180.92	23.10	20.00		41.03
Farnham.....	37.93	118.74	150.00		(-15.22)
Hampel.....	16.04	221.03	100.00		334.64
Harvey.....	203.61	275.37	204.00		369.15
Hazelton.....	297.78	69.31	245.00		520.70
Kendall.....	496.39	131.22	115.50		530.97
Morchouse.....	515.25	2,310.30	300.00		14,183.75
Pearson.....	11,873.45	2,462.06			1,495.08
Powell.....	1,333.02	179.00	30.00		447.49
Shepard.....	513.24	92.42			575.66
Spencer.....	2,521.11	549.44		3,070.55	867.83
Stone.....	827.31	115.52	75.00		311.28
Swisher.....	281.04	27.72	20.00		122.48
Walker.....	114.76				
Withington.....					
Woodhull.....			4,286.31		
<b>SCHOLARSHIPS AWARDED</b>					

[illegible]



**CURRENT FUNDS RESTRICTED (Continued)**  
**For the Year Ended August 31, 1951**  
**MISCELLANEOUS FUNDS**

Funds	Balance August 31, 1950	Receipts	Disbursements	Balance August 31, 1951
<b>SCHOLARSHIP, FELLOWSHIP</b>				
American Foundation Pharm. Education.....	200.00			200.00
Dorsey, Charles W.....	466.67	336.00	Scholarships.....	336.00
Freeman and Watts, Drs.....	1,350.00	633.33	To Schedule 1.....	600.00
Kellogg Medical Technology.....	200.00			1,350.00
Kinsey, R. D.....	950.00			200.00
President's.....	750.00		Fellowships.....	950.00
Soroptimist Club.....		500.00	Scholarships.....	300.00
Zonta Club.....				
<b>PRIZE</b>				
Alpha Delta Pi Sorority.....		10.00	Prize.....	10.00
Alpha Zeta Omega Fraternity.....		50.00	".....	14.40
Chi Omega Sorority.....		25.00	".....	25.00
Delta Gamma Sorority.....	25.00		".....	10.00
Delta Zeta Sorority.....		10.00	".....	25.00
Ellsworth.....		25.00	".....	10.00
Kappa Kappa Gamma Sorority.....		10.00	".....	20.00
Pi Beta Phi Sorority.....		20.00	".....	50.00
Psi Chi Sorority.....		50.00	".....	10.00
Sigma Kappa Sorority.....		10.00	".....	45.00
Student Art Show.....		45.00	".....	
United Daughters of the Confederacy			".....	1.90
Transferred from Schedule 13.....		1.90		



**CURRENT FUNDS RESTRICTED (Continued)**  
**For the Year Ended August 31, 1951**  
**AGENCY FUNDS**

Funds	Balance August 31, 1950	Deposits	Withdrawals	Balance August 31, 1951
Courier.....	782.78	5,948.50	8,586.51	(-1,855.23)
Engineers' Club Room.....	199.93	.....	.....	199.93
Flower Fund.....	107.00	.....	7.65	99.35
Gift Shop.....	6,970.53	24,767.91	19,727.04	12,011.40
Swisher History Club.....	120.75	.....	.....	120.75
Women's Board Lecture Series.....	970.00	.....	.....	970.00
Yamulky, Perihan.....	1,535.50	.....	1,535.50	.....
TOTALS—EXHIBIT C.....	10,686.49	30,716.41	29,856.70	11,546.20



**CHANGES IN PRINCIPAL OF LOAN FUNDS**

For the Year Ended August 31, 1951

Funds	Balance August 31, 1950	Additions		Refunded to U. S. Government	Balance August 31, 1951
		Income of D.C.—D.A.R. Endowment Fund	Interest on Loans		
D.C.—D.A.R. Loan Fund.....	3,071.92	231.03	12.29	.....	3,315.24
George Washington Law Association Loan Fund.....	786.10	.....	.....	.....	786.10
Harris Loan Fund.....	400.00	.....	.....	.....	400.00
Home Economics Loan Fund.....	382.35	.....	.....	.....	382.35
Kellogg School of Medicine Loan Fund.....	16,531.79	.....	45.68	.....	16,577.47
Sutherland School of Medicine Loan Fund.....	1,200.00	.....	.....	.....	1,200.00
University Loan Fund.....	8,165.72	.....	38.91	.....	8,204.63
War Loan Fund.....	6,751.12	.....	.....	591.23	6,159.89
TOTALS—EXHIBIT D.....	37,289.00	231.03	96.88	591.23	37,025.68

SCHEDULE 11

# CHANGES IN PRINCIPAL OF ENDOWMENT FUNDS

For the Year Ended August 31, 1951

Funds	Balance August 31, 1950	Additions			Balance August 31, 1951
		Gifts	Investment Income	Other	
UNRESTRICTED	300.00				300.00
Acker.....	681.20				681.20
Alumni.....	186,749.38				186,749.38
Campaign.....	220,155.76				220,155.76
Corcoran.....	41,570.40				41,570.40
Davis.....	33,601.15				33,601.15
Goddard.....	1,000.00				1,000.00
Haagett.....	19,215.50				19,215.50
King.....	15,000.00				15,000.00
Reichelderfer.....	2,110.00				2,110.00
Sanders.....		5,000.00			5,000.00
Sothorn.....	12,525.56				12,525.56
Subscription Gifts.....	1,500.00				1,500.00
Syms.....	11,104.14				11,104.14
Teller.....	1,524.06				1,524.06
Trustees.....	10,000.00				10,000.00
Weddell.....	1,000.00				1,000.00
Willard Association.....	26,891.46				26,891.46
Withers.....	50,000.00				50,000.00
Woodhull.....					

RESTRICTED

FELLOWSHIP

King .....	75,321.42				
Sanders .....	206,602.87				
Gain on sale of investments .....				204.00	
					75,321.42
					206,806.87

PROFESSORSHIP

Alumni .....	829.67				
Carroll .....	500.00				
Congressional .....	158,709.04				
Depew .....	168,792.24			1,799.21	
Elton .....	14,508.19				
Fry (controlled by the University) .....	30,669.46			1,451.09	
Fry (controlled by National Savings and Trust Co.) .....	102,992.49				
Net gain on sale of investments .....					
Yulee .....	5,000.00			2,095.28	
					105,087.77
					5,000.00



# CHANGES IN PRINCIPAL OF ENDOWMENT FUNDS (Continued)

For the Year Ended August 31, 1951

Funds	Balance August 31, 1950	Additions			Balance August 31, 1951
		Gifts	Investment Income	Other	
<b>RESTRICTED (Continued)</b>					
School					
Government					
Rankin.....	1,000,000.00	150,000.00			150,000.00
Scottish Rite.....					1,000,000.00
Medicine					
Borden.....	3,388.80		156.58		3,545.38
Collins.....	2,828.00				2,828.00
Cooper.....	10,000.00				10,000.00
Eppley.....		1,000.00			1,000.00
Gardner.....	4,486.55				4,486.55
Lewis.....	32,298.60				32,298.60
School of Medicine	8,491.00	120.00			8,611.00
Sharpe.....	8,334.13				8,334.13
Pharmacy					
Gibbs.....	10,000.00				10,000.00

<b>MISCELLANEOUS</b>				
D. C.-D. A. R.....	5,000.00			5,000.00
Graduate.....	13,266.57	347.00		13,613.57
<b>HOSPITAL</b>				
Burton.....	1,000.00			1,000.00
Chapman.....	1,225.90			1,225.90
General.....	1,200.00	10.00		1,210.00
Houser.....	2,500.00			2,500.00
Kimmel.....	3,071.70			3,071.70
Kuhlbank.....	1,229.47	56.81		1,286.28
National Park Seminary.....	500.00			500.00
Reinhardt.....	500.00			500.00
Tree.....	10,000.00			10,000.00
Woodbury.....	10,000.00			10,000.00
<b>LIBRARY</b>				
Gladstone.....		175.00		175.00
Howard.....	5,000.00	5,000.00		10,000.00
Meyer.....	1,000.00			1,000.00
Noyes.....	10,000.00			10,000.00
Swisher.....	2,000.00			2,000.00

**CHANGES IN PRINCIPAL OF ENDOWMENT FUNDS (Continued)**  
For the Year Ended August 31, 1951

Funds	Balance August 31, 1950	Additions		Balance August 31, 1951
		Gifts	Investment Income	
<b>RESTRICTED (Continued)</b>				
<b>Scholarship</b>				
Andrews.....	5,139.98			5,194.03
Net gain on sale of investments.....	20,033.06			20,033.06
Bartuch.....	48,608.91			48,608.91
Carr.....	5,000.00			5,000.00
Carter, H. H.....	1,000.00			1,000.00
Carter, M. M.....				
<b>Columbian Women Funds</b>				
Brown.....	1,200.00			1,200.00
Chamberlin.....	2,300.00			2,300.00
College Women's.....	5,000.00			5,000.00
Founders of Columbian Women.....	5,000.00			5,000.00
Herron.....	5,000.00			5,000.00
Knapp.....	1,000.00			1,000.00
Wilton.....				
Davis.....	1,000.00			1,000.00
Dorsey.....	5,000.00			5,000.00
Farnham.....	1,000.00	1,000.00		2,000.00
Harped.....	500.00			500.00
Harvey.....	5,031.97			5,031.97
Hazelton.....	5,000.00			5,000.00
Kendall.....	5,959.61			5,959.61
Morehouse.....	1,500.00			1,500.00
Pearson.....	2,839.80			2,839.80
Powell.....	50,000.00			50,000.00
Shepard.....	10,000.00			10,000.00
Spencer.....	7,434.20			7,434.20
Stone.....	2,000.00			2,000.00
Swisher.....	3,070.55			3,070.55
Walker.....	600.00			600.00
Winnington.....	1,953.13			1,953.13
Woodhull.....	1,600.00			1,600.00





### CHANGES IN PRINCIPAL OF PLANT FUNDS For the Year Ended August 31, 1951

Funds	Balance August 31, 1950	Additions		Deductions	Balance August 31, 1951
		Gifts	Investment Income		
<b>PLANT ADDITIONS</b>					
Field House.....	190.96		5.07		196.03
George Washington Memorial.....	3,130.75		83.17		3,213.92
Hospital Equipment.....		6,450.56		6,450.56	
Equipment purchased.....		20.00	218.62		8,434.47
Law School Equipment.....	8,195.85				
		150.00			150.00
<b>Library Book Funds</b>					
American Diplomatic History.....	20.08			9.56	10.52
Book.....		500.00		94.50	405.50
Books purchased.....		50.00			50.00
Brooklyn Alumni Club.....					58.75
Books purchased.....	58.75				
Books Ruth Judith.....	347.79				328.81
Class of 1945.....				18.98	28.00
Council of Religious Organizations.....	25.00				1,000.00
Books purchased.....	1,000.00				
Davis, Harry C.....	45.00				
Elliston, Newell W.....				34.46	10.54
Engineers.....	225.00				225.00
Books purchased.....	100.00				100.00
Hellenic Society.....		50.00			
Herbst, Louise C.....	160.00				
Hospital.....				192.16	17.84
Books purchased.....					

<b>Lincoln Arc Welding Foundation</b>								
Murdock, Mrs. James O.	7.02							7.02
Neges, Theodore	9.80							9.80
Books purchased:	4,556.57							4,556.57
Rosen, Dr. John N.	58.23							58.23
Society of Sigma Xi		12.50						12.50
United Daughters of the Confederacy	27.00							27.00
Books purchased:								
Transferred to Schedule 10—Page 6								
Pairo	130,626.63							130,626.63
School of Engineering Building	131,164.48	124,896.00		5,719.63				261,780.11
School of Medicine Building	1,817.02			48.27				1,865.29
Women's Activities Building	5,228.46			138.89				5,367.35
Women's Board Gift Shop Equipment	79.17							79.17
	287,073.56	132,129.06		6,213.65			7,117.77	418,298.50
RESERVE FOR PROTECTION OF INVESTMENTS	6,068.08							6,068.08
TOTALS—EXHIBIT F	293,141.64	132,129.06		6,213.65			7,117.77	424,366.58



## GIFTS AND GRANTS

For the Year Ended August 31, 1951

## CURRENT FUNDS

UNRESTRICTED—SCHEDULE 1		30.13
Estate of Susan Whitney Dimock.		
RESTRICTED—GENERAL—SCHEDULE 1		
School of Pharmacy—D. C. Pharmaceutical Campaign Fund	10,395.84	10,420.84
Frederick J. Cullen	25.00	1,000.00
Library—Charles P. Maloney		100.00
Alumni Office—General Alumni Association		
		11,520.84
RESTRICTED—HOSPITAL—SCHEDULE 1		1,300.00
Various donors		
RESTRICTED—SCHEDULE 10—PAGE 3		696,831.50
Organized Research—various donors and grantors		
RESTRICTED—SCHEDULE 10—PAGE 6		
Scholarship, Fellowship—Harryman Doney	336.00	1,469.33
Zonta Club	500.00	255.00
Dr. Freeman and Watts	633.33	22,519.71
Prize—various donors		
Law School—Patent	1,043.25	
School of Medicine	12,000.00	
Marble Foundation	15,000.00	
National Fund for Medical Education	1,000.00	
Dr. Walter A. Bloedorn		29,043.25
		25.00
School of Pharmacy—George P. Latrick	300.00	
Speech Department—National Speech Clinic Foundation	500.00	
Speech Clinic Foundation		800.00
		54,112.29
		763,794.76

ENDOWMENT FUNDS (Schedule 12)

<b>UNRESTRICTED</b>		
Southern Endowment Fund—Julia Marlowe Sotherra.....		5,000.00
<b>RESTRICTED</b>		
School of Government		
Rankin Endowment Fund—John O. Rankin.....	150,000.00	
School of Medicine		
Eppley Endowment Fund—Mary V. Eppley.....	1,000.00	
School of Medicine—various donors.....	<u>120.00</u>	1,120.00
Miscellaneous		
Graduate Endowment Fund—various donors.....	347.00	
Hospital		
General Hospital Endowment Fund—Elizabeth Askew.....	10.00	
Library		
Gladstone Library Fund—Ethel S. Gladstone.....	175.00	
Howard Library Fund—Col. Deane Childs Howard, Sr.....	<u>5,000.00</u>	5,175.00
Scholarship		
Dorsey Memorial Scholarship Fund—Harryman Dorsey.....	1,000.00	
Swisher Scholarship Fund—Dr. Charles Clinton Swisher.....	<u>600.00</u>	1,600.00
		<u>158,252.00</u>
		163,252.00
<b>PLANT FUNDS (Schedule 13)</b>		
Hospital Equipment Funds—various donors.....		6,450.56
Law School Expansion Fund—Blayne J. Barton.....		20.00
Library Book Funds—various donors.....		762.50
School of Engineering Building Fund—Charles H. and Lida R. Tompkins.....	114,896.00	
H Street Building Corporation.....	<u>10,000.00</u>	124,896.00
		<u>132,129.06</u>
<b>TOTAL GIFTS AND GRANTS.....</b>		<u><u>1,059,175.82</u></u>

# DESCRIPTION OF ENDOWMENT FUNDS (Continued)

August 31, 1951

## UNRESTRICTED FUNDS (Continued)

<b>REICHELDERFER FUND</b> Created by Mary M. Reichelderfer in 1945 in memory of her husband, Luther H. Reichelderfer, the income only to be used.....	15,000.00
<b>SANDERS ENDOWMENT FUND</b> Created by J. Sanders in 1945, the income only to be used.....	2,110.00
<b>SOTHERN FUND</b> Bequest of Julia Marlowe Sothorn, received in 1951, the income only to be used.....	5,000.00
<b>SUBSCRIPTION GIFTS FUND</b> Created by various donors during the years 1845-51, the income only to be used. (Formerly called the Poindexter Endowment Fund).....	12,525.56
<b>SYMS FUND</b> Bequest of Samuel Syms in 1891, the income only to be used.....	1,500.00
<b>TELLER FUND</b> Bequest of John D. Teller and Mary L. Teller, received in 1949, the income only to be used.....	11,104.14
<b>TRUSTEES FUND</b> Created by the Board of Trustees of the University in 1932, the income only to be used.....	1,524.06
<b>WEDDELL FUND</b> Created in 1948 by bequests of Alexander W. Weddell and Virginia Chase Weddell, the income only to be used.....	10,000.00
<b>WILLARD ASSOCIATION FUND</b> Gift of the Willard Association in 1950, the income only to be used.....	1,000.00
<b>WITHERS FUND</b> Gift of John Withers of \$16,000 and gifts of various donors during the years 1851-70, the income only to be used (Formerly called the Forty Thousand Dollar Endowment Fund).....	26,891.46
<b>WOODHULL FUND</b> Bequest of Margaret Willett Woodhull, received in 1946, the income only to be used.....	50,000.00



# FELLOWSHIP FUNDS

<b>KING FELLOWSHIP FUND</b> Created in 1928 by bequest of Isabella Osborn King, the income to be used for a fellowship in biology.....	75,321.42
<b>SANDERS FELLOWSHIP FUND</b> Bequest of Addie Sanders in 1928 in memory of her brother, Thomas Bradford Sanders, the income to be used for fellowships in various academic fields of study.....	206,806.87

## PROFESSORSHIP FUNDS

<b>ALUMNI PROFESSORSHIP FUND</b> Gifts of various alumni since 1911, the income to be used for an alumni professorship in mathematics.....	829.67
<b>CARROLL PROFESSORSHIP FUND</b> Created by Mary A. Sharpe in 1928 in memory of Mitchell Carroll, the income to be used for a chair in archeology.....	500.00
<b>CONGRESSIONAL PROFESSORSHIP FUND</b> Created in 1832 by gift of the United States of America by Act of Congress, the income to be used for professorships..	158,709.04
<b>DEPEW COURSE IN PUBLIC SPEAKING FUND</b> Created by May Depew in 1936, the income to be used for a course to be known as the "Chauncey M. Depew Course in Public Speaking", income in excess of \$6,000 annually to be added to principal.....	170,591.45
<b>ELTON PROFESSORSHIP FUND</b> Bequest of Romeo Elton of Exeter, England, in 1872, the income to be used for a professorship to be called the "Elton Professorship of Mental and Moral Philosophy".....	14,508.19
<b>FRY PROFESSORSHIP FUNDS</b> Bequest of Annabel Lee Fry, received in 1945, in memory of her husband, Dr. Henry D. Fry, the income to be used for a professorship in physiology.....	102,340.90
Created in 1945 from income of the original fund, the income of the two funds to be used for a professorship in physiology.....	32,120.55
<b>YULEE ENDOWMENT FUND</b> Bequest of Nannie Yulee Noble in 1929 in memory of her mother, Nancy Yulee, the income to be used for lectures in home economics.....	5,000.00

DESCRIPTION OF ENDOWMENT FUNDS (Continued)  
August 31, 1951

SCHOOL FUNDS

GOVERNMENT

RANKIN ENDOWMENT FUND

Bequest of John O. Rankin, received in 1951, the income only to be used for the School of Government. . . . . 150,000.00

SCOTTISH RITE ENDOWMENT FUND

Created in 1928 by the Supreme Council of the Ancient and Accepted Scottish Rite of Freemasonry of the Southern Jurisdiction of the United States of America, as a permanent memorial to George Washington, The Mason, the income to be used to maintain a School of Government. . . . . 1,000,000.00

MEDICAL

BORDEN MEDICAL FUND

Created in 1932 by William Cline Borden, M. D., and Jennie Ella Borden, the income to be applied to lectureships to be known as the "William Cline Borden Lectures on Surgery or Medical Science." Any income not required annually shall be added to principal. . . . . 3,545.38

COLLINS MEMORIAL RESEARCH FUND

Created in 1946 by various donors in memory of Dr. James Lloyd Collins, the income to be used for special research in surgery. . . . . 2,828.00

<b>COOPER MEDICAL RESEARCH FUND</b>	
Bequest of Eleanor J. Cooper in 1905, on certain terms since modified by the Supreme Court of D. C. as follows: the income to be used toward the establishment and maintenance, in connection with the Medical Department of the University, of a Research Laboratory, the work of this laboratory to be devoted to the investigation of the nature, causation, prevention, and cure of malaria and other infectious and contagious diseases .....	10,000.00
<b>EPFLEY MEDICAL SCHOOL FUND</b>	
Bequest of Mary V. Eppley, received in 1951, the income to be used for cancer research in the School of Medicine..	1,000.00
<b>GARDNER MEDICAL SCHOOL FUND</b>	
Bequest of William D. Gardner, received in 1928, the income to be used for the School of Medicine.....	4,486.55
<b>LEWIS MEDICAL SCHOOL FUND</b>	
Bequest of Samuel E. Lewis, received in 1925, the income to be used for the School of Medicine.....	32,298.60
<b>SCHOOL OF MEDICINE ENDOWMENT FUND</b>	
Created in 1940 by various donors, the income to be used for the School of Medicine.....	8,611.00
<b>SHARPE MEDICAL SCHOOL FUND</b>	
Created by Mary A., Elizabeth M., and Sallie Sharpe in 1924, the income to be used for the School of Medicine..	8,334.13
<b>PHARMACY</b>	
<b>GIBBS PHARMACY FUND</b>	
Created by M. G. Gibbs in 1927, the income to be used to aid in establishing and maintaining a commercial pharmacy course in connection with the School of Pharmacy .....	10,000.00



DESCRIPTION OF ENDOWMENT FUNDS (Continued)  
August 31, 1951

MISCELLANEOUS FUNDS

DISTRICT OF COLUMBIA D. A. R. ENDOWMENT FUND Created in 1926 by chapters in the District of Columbia, the income to be added to the D. C.—D.A.R. Loan Fund..	5,000.00
GRADUATE ENDOWMENT FUND Created by the Class of 1926, to be used for the acquisition of sites, erection of buildings, and maintenance and purchase of equipment. Only the income may be used until Fund reaches \$50,000 when income, and principal over \$50,000, may be used.....	13,613.57

HOSPITAL FUNDS

BURTON HOSPITAL FUND Created by Grace C. Burton in 1950, the income to be used for medicine for indigent persons.....	1,000.00
CHAPMAN HOSPITAL FUND Bequest of Mrs. Susanna A. Chapman in 1911, the income to be used for the purposes of the free wards of the University Hospital.....	1,225.90
GENERAL HOSPITAL ENDOWMENT FUND Created in 1929 by various donors, the income to be used for the benefit of the University Hospital.....	1,210.00
HOUSER HOSPITAL FUND Bequest of E. Keller Houser, received in 1944, the income to be used to endow a room in memory of his daughter, Anna Victoria Houser.....	2,500.00
KIMMEL HOSPITAL FUND Bequest of Annie Kimmel, received in 1932, the income to be used for the benefit of the University Hospital.....	3,071.70

<b>KUHLBANK HOSPITAL FUND</b> Bequest of Freda Kuhlbank, received in 1930, the income to be added to the principal until the principal shall be large enough to maintain a bed in the White Ward of the University Hospital to be known as the "Freda Kuhlbank Bed".....	1,286.28
<b>NATIONAL PARK SEMINARY HOSPITAL FUND</b> Gift of students of National Park Seminary of Forest Glen, Maryland, in 1906, the income to be used toward the maintenance of a bed in the University Hospital.....	500.00
<b>REINHARDT HOSPITAL FUND</b> Bequest of Luisa Wynne Reinhardt in 1922, the income to be used for the University Hospital.....	500.00
<b>TREE HOSPITAL FUND</b> Created in 1911 by bequest of Lambert M. Tree, in memory of his mother, Mrs. Laura M. Tree, the income to be used to maintain one or more beds in the University Hospital, to be known as the "Laura M. Tree Bed or Beds".....	10,000.00
<b>WOODBURY HOSPITAL FUND</b> Bequest of Ellen DeQ. Woodbury in 1909, the income to be used for the reception and treatment of female patients in the University Hospital.....	10,000.00
<b>LIBRARY FUNDS</b>	
<b>HOWARD LIBRARY FUND</b> Gift of Colonel Deane Childs Howard in 1943 in memory of Captain Deane Childs Howard, Jr., the income to be used to purchase books for the Library.....	10,000.00
<b>MEYER LIBRARY FUND</b> Gift of Eugene Meyer in 1944, the income to be used to purchase books for the Library.....	1,000.00
<b>NOYES LIBRARY FUND</b> Bequest of Theodore W. Noyes, received in 1947, the income to be used to purchase books for the Library.....	10,000.00
<b>SWISHER ALCOVE BOOK FUND</b> Gift of Dr. Charles Clinton Swisher in 1941, in trust for the Historical Society of the University, the income to be used to purchase books for the Swisher Alcove in the Library.....	2,000.00
<b>GLADSTONE LIBRARY FUND</b> Gift of Ethel S. Gladstone in 1951, the income to be used to purchase books for the Library.....	175.00

DESCRIPTION OF ENDOWMENT FUNDS (Continued)

August 31, 1951

SCHOLARSHIP FUNDS

ANDREWS MEMORIAL SCHOLARSHIP FUND Gift of Belle Fisk Andrews in 1920 in memory of her husband, Byron Andrews, the income to be used for scholarships "for ambitious and needy students of English, Latin, journalism, history, literature, or political science."	5,194.03
BARTSCH SCHOLARSHIP FUND Created by Dr. Anna Bartsch-Dunne in 1946, the income to be used for a scholarship for a woman in the School of Medicine and an internship for a woman in the University Hospital.	20,033.06
CARR SCHOLARSHIP FUND Created by bequest of Emma K. Carr in 1932, the income to be used for scholarships for young white men.	48,608.91
CARTER, H. H., SCHOLARSHIP FUND Gift of Maria M. Carter in 1896 in memory of her husband, Henry Harding Carter, the income to be used for scholar- ships in civil engineering.	5,000.00
CARTER, M. M., SCHOLARSHIP FUND Gift of Maria M. Carter in 1871, the income to be used for scholarships for young men.	1,000.00



COLUMBIAN WOMEN SCHOLARSHIP FUNDS

BROWN SCHOLARSHIP FUND Created by the College Women's Club of Washington, D. C., in 1925, in memory of Elizabeth V. Brown, the income to be used for scholarships in the School of Education.	1,200.00
CHAMBERLIN SCHOLARSHIP FUND Created by the Columbian Women of The George Washington University in 1932 in memory of Grace Ross Chamberlin, the income to be used for scholarships for young women.	2,300.00
COLLEGE WOMEN'S SCHOLARSHIP FUND Gift of the College Women's Club of Washington, D. C., in 1926, the income to be used for scholarships.	500.00
FOUNDERS OF COLUMBIAN WOMEN SCHOLARSHIP FUND Created by the Columbian Women of The George Washington University in 1920, the income to be used for scholarships for women in Columbian College.	5,000.00
HERRON SCHOLARSHIP FUND Created by the Columbian Women of The George Washington University in 1925 in memory of Lillian Young Herron, the income to be used for scholarships for women in Columbian College. (Formerly Third Columbian Women Scholarship Fund)	5,000.00
KNAPP SCHOLARSHIP FUND Gift of the Columbian Women of The George Washington University in 1915 in memory of Nellie Maynard Knapp, the income to be used for scholarships for women.	5,000.00
WILSON SCHOLARSHIP FUND Gift of Elizabeth Wilson in 1926 in memory of her parents, Lewes D. and Myrtie H. Wilson, the income to be used for scholarships in the School of Medicine.	1,000.00

# DESCRIPTION OF ENDOWMENT FUNDS (Continued)

August 31, 1951

## SCHOLARSHIP FUNDS (Continued)

DAVIS SCHOLARSHIP FUND Gift of Isaac Davis in 1869, the income to be used for scholarships.....	1,000.00
DORSEY SCHOLARSHIP FUND Created in 1947 by Harryman Dorsey in memory of Charles Worthington Dorsey, the income to be used for scholarships.....	6,000.00
FARNEHAM SCHOLARSHIP FUND Gift of Mrs. Robert Farnham in 1871, the income to be used for scholarships in Columbian College.....	1,000.00
HAMPEL SCHOLARSHIP FUND Gift of Evelyn Hampel Young in 1948 in memory of her mother, Anna Spickel Hampel, the income to be used for Scholarships for married women in the School of Education or Columbian College.....	500.00
HARVEY SCHOLARSHIP FUND Bequest of Emma Elizabeth Harvey, received in 1923, in memory of her daughter, Elma Lewis Harvey, the income to be used for scholarships in Columbian College for young women of the Protestant faith and of the Caucasian race..	5,031.97
HAZELTON SCHOLARSHIP FUND Bequest of Lillie S. Hazelton, received in 1950, the income to be used for scholarships.....	5,000.00
KENDALL SCHOLARSHIP FUND Gift of Amos Kendall in 1869, the income to be used for a scholarship now designated by the Board of Trustees as one of the two High School Scholarships assigned to Central High School.....	5,959.61
MOREHOUSE SCHOLARSHIP FUND Created by A. Morehouse in 1861, the income to be used for scholarships for undergraduates intending to enter the Christian ministry.....	1,500.00
PEARSON SCHOLARSHIP FUND Bequest of Paul Pearson, received in 1944, the income to be used for scholarships in the School of Pharmacy.....	2,839.80

<b>POWELL SCHOLARSHIP FUND</b> Gift of Levin M. Powell in 1886, the income to be used to train young men for entrance in the United States Naval Academy or to fit them to become mates and masters in the Merchant Marine Service of the United States.....	50,000.00
<b>SHEPARD SCHOLARSHIP FUND</b> Bequest of Lula M. Shepard, received in 1946, the income to be used for scholarships in the School of Government..	10,000.00
<b>SPENCER SCHOLARSHIP FUND</b> Created by Louisa J. Spencer in 1918, the income to be used for scholarships.....	7,434.20
<b>STONE SCHOLARSHIP FUND</b> An anonymous gift in 1893 in memory of Mary Lowell Stone, the income to be used for scholarships for women students of science in Columbian College.....	2,000.00
<b>SWISHER SCHOLARSHIP FUND</b> Created by Dr. Charles Clinton Swisher in 1941, the income to be used to award scholarships in Medieval History..	12,000.10
<b>WALKER SCHOLARSHIP FUND</b> Gift of William Walker in 1824, the income to be used for scholarships for undergraduates intending to enter the Christian ministry.....	2,500.00
<b>WITHINGTON SCHOLARSHIP FUND</b> Gift of the New York Baptist Theological Seminary in 1830, on behalf of John Withington, the income to be used for scholarships.....	1,953.13
<b>WOODHULL SCHOLARSHIP FUND</b> Bequest of Ellen M. E. Woodhull, received in 1921, the income to be used for scholarships in Columbian College.....	600.00



# DESCRIPTION OF ENDOWMENT FUNDS (Continued)

August 31, 1951

## PRIZE FUNDS

BURNS MEMORIAL AWARD FUND Gift of Persia Burns in 1937 in memory of her son, Byrne Thurtell Burns, the income to be used for an annual award in chemistry.....	1,000.00
COWLES PRIZE FUND Created in 1943 by John Henry Cowles, the income to be used for annual awards in the School of Government....	3,000.00
CAOISSANT PRIZE AWARD Bequest of DeWitt Clinton Croissant, received in 1941, the income to be used to award an annual prize for excellence in dramatics or dramatic studies.....	1,000.00
CUTTER PRIZE FUND Gift of Marion Kendall Cutter in 1902, in memory of E. K. Cutter, the income to be used for an annual award for excellence in the study of English.....	1,000.00
DAVIS PRIZE FUND Gift of Isaac Davis in 1847, the income to be used for annual awards to members of the senior class who have made the greatest progress in elocution since their connection with the University.....	700.00
ESSARY PRIZE FUND Gift of Helen Essary Murphy in 1948 in memory of her late husband, Jesse Frederick Essary, the income to be used for an annual award in journalism.....	3,000.00
EVANS MEMORIAL AWARD FUND Created in 1937 by friends of Joshua Evans III, the income to be used to establish a prize, as a memorial to an "out-standing life," to be awarded annually "to that man in the graduating class who has demonstrated his signal ability in the social and political sciences and who has given promise of the interpretation of that ability in good citizenship among his fellows".....	1,200.00
FITCH PRIZE FUND Gift of James E. Fitch in 1883 in memory of Willie E. Fitch, the income to be used for an annual award to a senior student for the best general examination in chemistry.....	1,000.00
GODDARD PRIZE FUND Gifts of Mary W. Goddard, Alice Douglas Goddard, and Frederick J. Goddard, in 1923, in memory of Morgan Richardson Goddard, Edward Carrington Goddard, and James Douglas Goddard; added to in 1941 by a gift of Frederick J. Goddard in memory of Alice Douglas Goddard. The income shall be used to award four cash prizes annually to the students making the highest averages in commerce, French language and literature, pharmacy, and American literature, respectively.....	5,519.00



HUBBARD PRIZE FUND Gift of Gertrude M. Hubbard in 1907 in memory of her husband, Gardiner G. Hubbard, the income to be used for an annual award for excellence in American history.....	1,000.00
LARNER PRIZE FUND Bequest of John B. Larnier in 1933, the income to be used for an annual award in the Law School.....	800.00
ORDRONAUX PRIZE FUND Bequest of John Ordonaux in 1909, the income to be used for annual awards in the Law and Medical schools.....	5,000.00
RUGGLES PRIZE FUND Gift of William Ruggles in 1859, the income to be used for an annual award for excellence in mathematics.....	500.00
STAUGHTON-ELTON PRIZE FUND Created by gift of Romeo Elton of Exeter, England, in 1860, the income to be used for annual awards for excellence in the Latin and Greek languages, one to be called the Staughton Prize in Latin, the other the Elton Prize in Greek...	500.00
STERRETT PRIZE FUND Gift of the Reverend J. MacBride Sterrett in 1911 in memory of his son, J. MacBride Sterrett, Jr., the income to be used for books to be awarded annually to the student obtaining the highest average in general physics.....	300.00
SWISHER PRIZE FUND Gift of Charles Clinton Swisher in 1941, the income to be applied yearly to enlarging the sum set apart for the Historical Prize established in his name by the Historical Club, December 7, 1936.....	1,000.00
WALSH PRIZE FUND Gift of Thomas F. Walsh in 1901, the income to be used for an annual award for the best essay on some topic in Irish history.....	1,000.00
WEDDELL PRIZE FUND Gift of Virginia Chase Weddell in 1923, the income to be used to award annually the Alexander Wilbourne Weddell Prize to the student submitting the best essay upon the general subject of the promotion of peace among the nations of the world.....	5,000.00
RESERVES FOR PROTECTION OF INVESTMENTS OF ENDOWMENT FUNDS	
RESERVE FOR PROTECTION OF CONSOLIDATED ENDOWMENT FUNDS INVESTMENTS Created from gains arising from the sale of investments, and by setting aside annually a portion of the net income of Consolidated Endowment Funds Investments.....	76,550.46
RESERVE FOR PROTECTION OF SCOTTISH RITE ENDOWMENT FUND INVESTMENTS Created from gains arising from the sale of Scottish Rite Investments.....	61,883.38



# DESCRIPTION OF PLANT FUNDS

August 31, 1951

## PLANT ADDITIONS

Field House Fund	196.03
Created by the Class of 1946 to assist in building a field house.....	
 GEORGE WASHINGTON MEMORIAL FUND	
Created in 1937 by transfer of the assets of the George Washington Memorial Association to the University, to be used toward the erection and equipping of the auditorium.....	3,213.92
 LAW SCHOOL EXPANSION FUND	
Created in 1945 by various donors, to be used for the acquisition of land and the erection of a building or buildings for the use of the Law School.....	8,434.47
 LIBRARY BOOK FUNDS—GIFTS OF VARIOUS DONORS	
AMERICAN DIPLOMATIC HISTORY LIBRARY FUND.....	150.00
BROCK, MABEL C., LIBRARY FUND.....	10.52
BROOKLYN ALUMNI CLUB LIBRARY FUND.....	405.50
CHASE, RUTH JUDITH.....	50.00
CLASS OF 1945 LIBRARY FUND.....	58.75
COUNCIL OF RELIGIOUS ORGANIZATIONS LIBRARY FUND.....	328.81
DAVIS, HARRY C., LIBRARY FUND.....	25.00
ELLISON, NEWELL W., LIBRARY FUND.....	1,000.00
ENGINEERS' LIBRARY FUND.....	10.54
HELLENIC SOCIETY LIBRARY FUND.....	225.00
HERBERT LIBRARY FUND.....	100.00
HOSPITAL LIBRARY FUND.....	17.84
LINCOLN ARC WELDING FOUNDATION LIBRARY FUND.....	7.02
MURDOCK, MRS. JAMES O., LIBRARY FUND.....	9.80
NOYES, THEODORE W., LIBRARY FUND.....	4,278.52
ROSEN LIBRARY FUND.....	58.23



<b>PAIRO FUND</b>	
Created in 1931 by Richard E. Pairo, by devise and bequest, to be used for athletics.....	130,626.63
<b>SCHOOL OF ENGINEERING BUILDING FUND</b>	
Created in 1946 by Mr. and Mrs. Charles H. Tompkins, to be used toward the erection of a School of Engineering Building.....	261,780.11
<b>SCHOOL OF MEDICINE BUILDING FUND</b>	
Created in 1945 by various donors, to be used toward the erection of a School of Medicine building.....	1,865.29
<b>WOMEN'S ACTIVITIES BUILDING FUND</b>	
Created in 1939 by various donors to erect a women's activities building.....	5,367.35
<b>WOMEN'S BOARD GIFT SHOP EQUIPMENT FUND</b>	
Gift of the Women's Board of The George Washington University to purchase equipment for the Gift Shop.....	79.17

— 99 —

#### RESERVE FOR PROTECTION OF INVESTMENTS OF CONSOLIDATED PLANT FUNDS

Created from the income of Consolidated Plant Funds Investments, and gains arising from the sale of Consolidated Plant Funds Investments.....	6,068.08
---	----------